

## Our Clients

Muvumbe Hydro (u) ltd  
 Bukinda Hydro (u) ltd  
 Multiple Consult Network (u) ltd  
 Luuka PLastics  
 East African Honey Bakery  
 Rainbow Industries  
 Ceylex Engineering (pvt) limited  
 Ltl Transformers (pvt) limited  
 etc.....



Levor Energy Technologies (U) Ltd  
 All Right Reserved

**HYDRO POWER PLANT SUPPORT  
 TRANSFORMER SALES  
 INSTALLATION & COMMISSIONING  
 FIELD MAINTENANCE & REPAIR  
 TRANSFORMER REPAIR & REFURBISHMENT  
 POWERLINE CONSTRUCTION**

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TRANSFORMER SALES  
INSTALLATION & COMMISSIONING  
FIELD MAINTENANCE & REPAIR  
TRANSFORMER REPAIR & REFURBISHMENT  
POWERLINE CONSTRUCTION

**Other services include:**

- Industrial and Domestic electrical installation
- Refrigeration, Air conditioning, and Ventilation
- HV and LV electrical panel design and Building
- Industrial lighting systems
- Water system design and installation works
- Renewable energy system design and Installation
- Technical support to thermal, Hydro and Solar Plants
- PLC programming and industrial automation services
- Power factor correction design, installation and service
- Industrial energy Audit Services
- Civil works, Mechanical and Manufacturing
- Complex IT and Computer networking solutions
- Hydro power plant support services

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# POWERLINE CONSTRUCTION

Levor Energy qualified electrical linemen and electricians possess extensive experience with constructing, refurbishing and maintaining power utility overhead lines for industrial clients throughout Uganda and beyond. Our focused experience has given us a deep understanding of the unique characteristics and safety precautions of high-voltage power line operations. For single or multiple overhead power line project requirements, Levor Energy provides line distribution design, installation, voltage conversions, and maintenance of primary and secondary systems. We also provide underground network and URD design services for network duct projects and feeder design up to 33kV.

Overhead Line Construction Services Include:

- In-house Installation and Management
- Overhead Power Survey and Design
- Overhead Line Construction
- Tower and Pole Design
- Existing Line Refurbishment and Maintenance
- Line Condition Assessments
- Technical Appraisals & Design Risk Analysis
- Site Safety Management
- Grid Connection Management



## WHO WE ARE

Levor Energy Technologies (u) Ltd is a leading Supplier of a wide range of transformers; Power, Distribution, Rectifier and specialty transformers as per the customer needs. We distribute transformers designed to grant reliability, durability, and efficiency required in utility, industrial, and commercial applications. We offer both liquid-filled and dry-type transformers as well as services for complete life-cycle support, including replacement of parts and components. We also specialize in power line construction, substation designing and construction, transformer installation and commissioning services.

## WARRANTY

We offer a 24 months warranty period on all transformers supplied to our clients and a 12 months warranty on repaired transformers.

[www.levorenergy.com](http://www.levorenergy.com)





## Vision

Our vision is to be the industry **EXPERT** in the electrical industry and the leading provider of delivering **SAFETY**.

## Mission

Our mission is to provide the **BEST** possible electrical service to our customers and we have strict quality and **SAFETY** controls to make sure you are getting the **BEST**.



## Core Values

- Safety
- Professional
- Development
- Confidence
- Innovative
- Community



## TRANSFORMER REPAIR | REFURBISHMENT

- Re-design services
- Emergency repairs
- Emergency replacements
- Reconditioning
- Full testing



Levor Energy knows that our customers can greatly extend the life of their power generation equipment through repair and remanufacturing.

We have a team of experienced engineers ready to repair, recondition, redesign, or remanufacture transformers and related equipment.

Our experienced engineers maintain strict adherence to ANSI/IEEE standards.

With a Levor Energy repair or remanufacture, your transformer will be returned like new and perform like new.

We also perform disassembly and transportation



# MAINTENANCE & REPAIR SERVICES



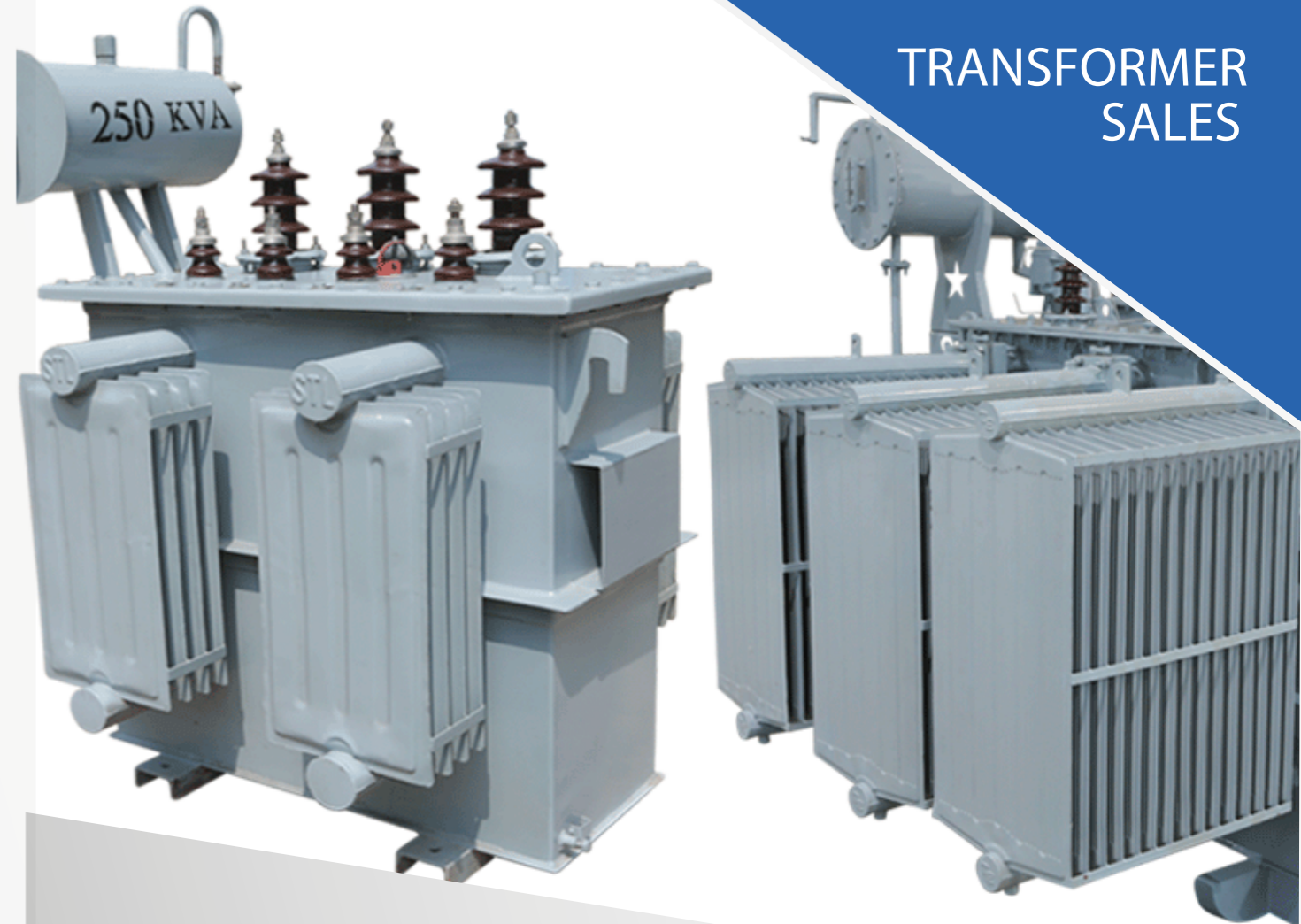
- Transformer Onsite Maintenance
- High voltage bushing testing
- High voltage bushing replacement
- Leak repair
- Leak checking
- Re-charge of nitrogen blanket
- Installation of positive pressure nitrogen system
- Installation of cooling fans and controls
- Transformer controls trouble shooting, testing and repairs
- Transformer and LTC control upgrades Services
- Inspection & testing of load tap changing mechanism
- Remove oil and open LTC main compartment
- Clean all carbon from mechanism
- Clean all contacts and check for wear
- Check mechanism for proper adjustment and alignment
- Replace all worn and damaged parts
- Replace all gaskets on doors of mechanism
- Check automatic controls and auxiliary equipment
- Close LTC compartment and fill with non-PCB oil
- Hot Oil Processing
- Hot oil circulation and de-hydration of oil and transformer
- Removal of oil from transformer and holding in tanker during service
- Vacuum filling of transformer
- De-gassing of fluid and transformer
- Envirotemp(FR3)fluid processing Field Dressing
- Installation of radiators
- Installation of bushings
- Installation of auxiliary equipment (fans, pumps, arresters, connectors)
- Vacuum filling of fluid
- Acceptance testing

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# OUR SERVICES



## TRANSFORMER SALES



Levor Energy is dedicated towards providing our clients with the best quality transformers from international and locally renowned brands at highly competitive prices. Our transformers comes with a 24 months warranty and our engineering team is always dedicated to provide a 24/7 technical support.

[www.levorenergy.com](http://www.levorenergy.com)

## OUR BRANDS

ABB TRANSFORMERS-EGYPT & SA  
MATELEC TRANSFORMERS-LEBANON  
TANELEC TRANSFORMERS-TZ  
ENERGO TRANSFORMERS-INDIA  
ALSTOM TRANSFORMERS-UK  
BONAR LONG TRANSFORMERS-UK  
MERLIN GERIN TRANSFORMERS-UK  
TRAFOELECTTRO-ITALY



We carry out the following tests to make sure your transformer is ready to serve you for a prolonged period of time without obstructing your power supply;

- Power Factor Test of Windings
- Power Factor Test of Bushings
- Surge Arrester Test
- Core Insulation Measurements
- TTR (Transformer Turns Ratio)
- Winding Insulation Resistance
- Winding Excitation
- Winding Resistance
- CT (Current Transformer) Ratio, Polarity and Saturation
- Operational Check of Controls
- Calibration of Gauges
- Low Volt Impedance Test (Leakage Reactance)
- Doble® Sweep Frequency Response Analysis
- Phase Relation
- Materials & Oil Testing:
  - Oil General Chemistry
  - DGA (Dissolved Gas Analysis)
  - Furfural Analysis
  - Particle Count
  - Metals-in-Oil Analysis
  - Degree of Polymerization

Levor Energy Technologies Ltd is one of the leading electrical companies in Uganda. We take care of installation, distribution and commissioning. If you are looking for experts for installation of transformers for your office, society or factory then call our experts to get help on capacity of transformers to choose from. Your transformer is one of the most expensive and important components in your substation, Factory, residence or community and you can be confident that the skilled Levor Energy team will assemble and install it right.



We repair transformers, voltage regulators, oil circuit reclosers, and pad mounted switches. Levor Energy's certified field technicians are always on a standby for quick response time to your urgent repair needs. Highly-trained, and outfitted with the latest, state-of-the-art test and repair tools, our field maintenance and repair crews can troubleshoot, repair, test, and inspect your equipment to ensure that it is quickly in working order



**Transformer Servicing At Muvumbe Hydro Power Plant-kabale District**



**Transformer Installation(5MVA & 3.125MVA) At Timex Bukinda Hydro Power Plant-KAGADI-KIBAALÉ DISTRICT**





Carrying out Penstock Inspection at a Hydro Power Plant in kabale District



Levor Energy Engineer Inspecting Generators at Timex Bukinda Hydro Power Plant In KAGADI-KIBAALLE DISTRICT