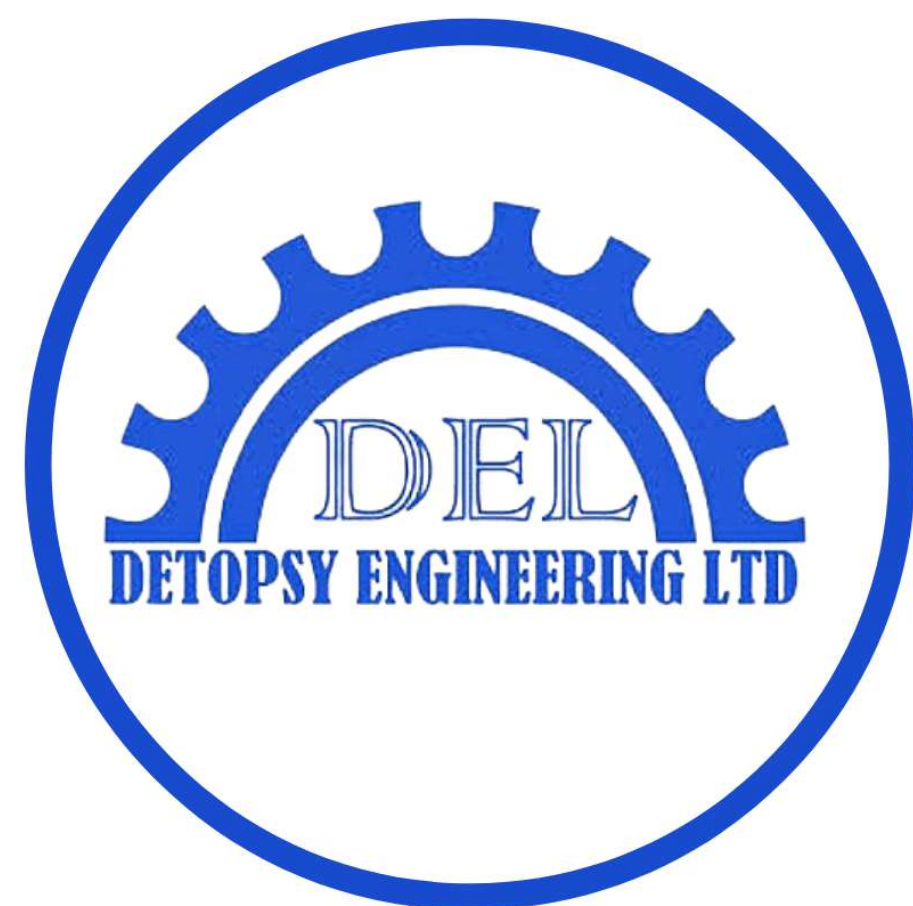


DETOPSY ENGINEERING LTD

Brochure

A PREMIUM ENGINEERING CONSULTANT

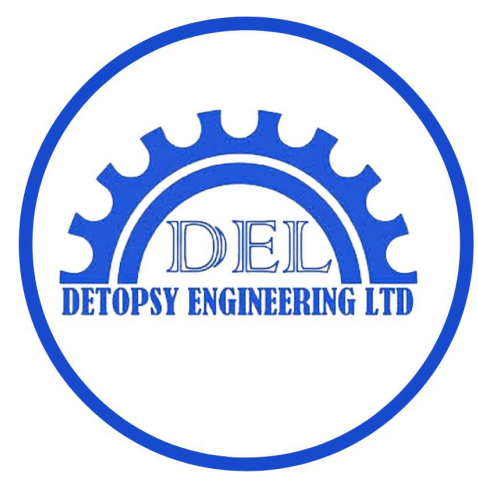


➤ **Electrical Engineering**

➤ **Mechanical Engineering**

➤ **Engineering Designs**

➤ **Engineering Procurements**



OUR HERITAGE

Detopsy Engineering Ltd is a wholly Nigerian-owned engineering company registered with the Corporate Affairs Commission (CAC) with registration number **RC:1150472** to engage in the business of **ELECTRICAL ENGINEERING, MECHANICAL ENGINEERING, ENGINEERING DESIGNS, AND ENGINEERING PROCUREMENT.**

The Company has prospered close to a decade by evolving and adapting to ever changing market dynamics and taking a long-term business approach.

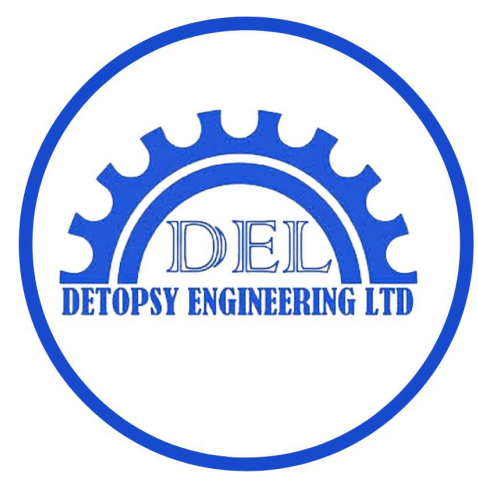
Detopsy Engineering Ltd is focused on deploying its vast skills to fabricating local engineering solutions tailored to suit the Nigerian environment and ecosystem, even while maintaining global standards. We operate nationwide, serving our clients in various sectors, from the power sector, oil, and gas, construction companies to residential buildings.

From initial feasibility studies and budgets, we work with our clients through design, development, planning, project implementation, commissioning, and post-contract maintenance support phases.

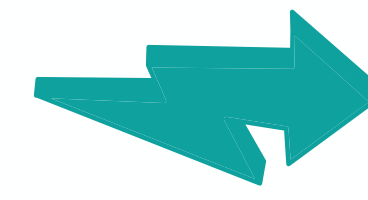


*“In a world full of pebbles
dare to be a diamond.”*





OUR
CORE COMPETENCE

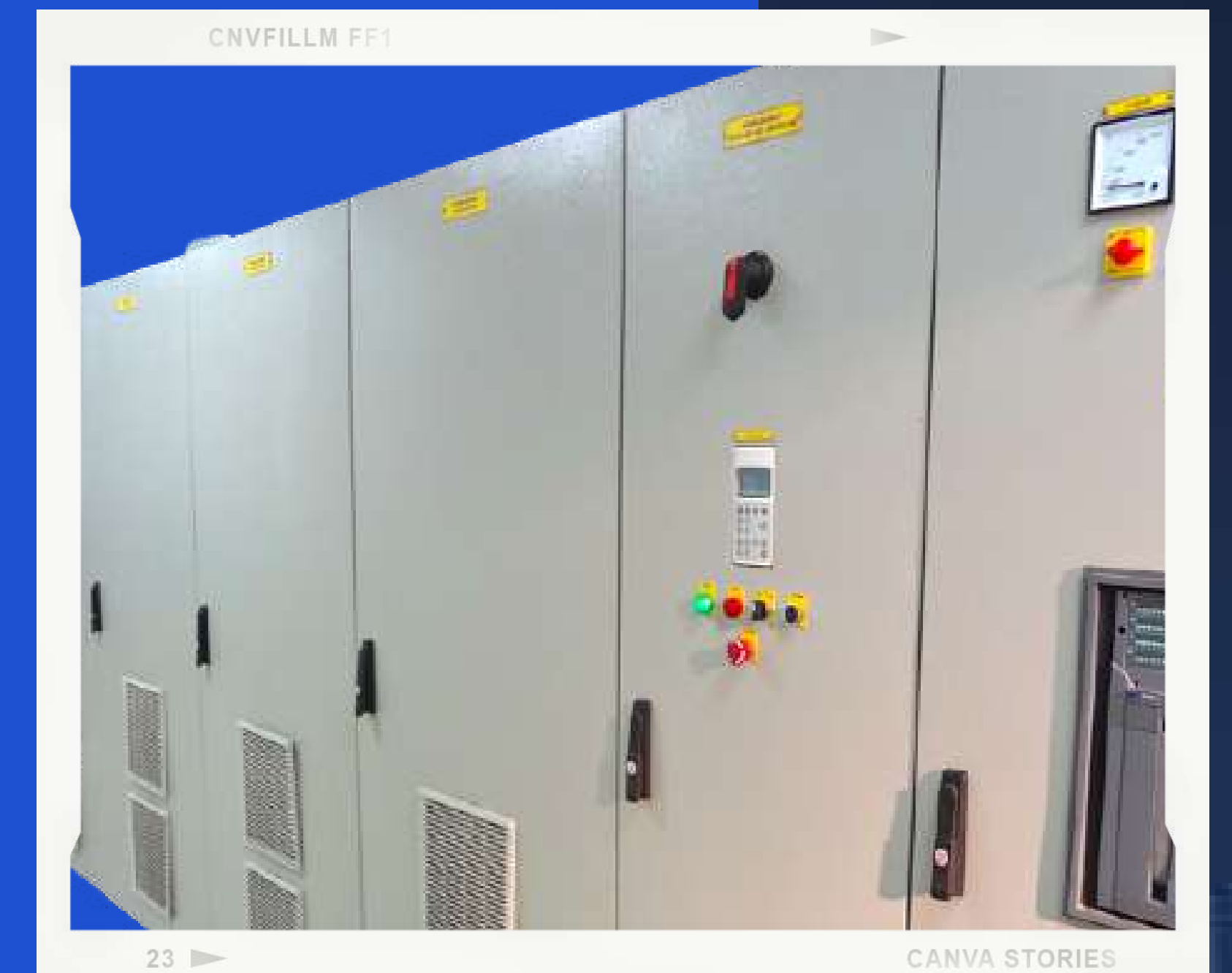


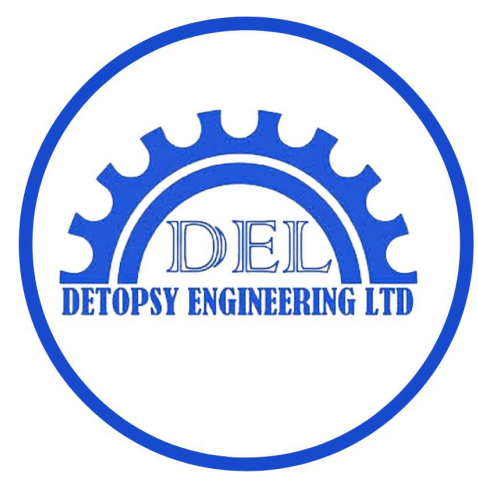
ELECTRICAL
ENGINEERING

The power of applied intelligence.

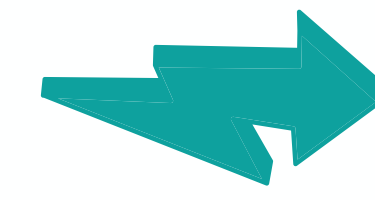
Our leading industrial electrical engineers ensure high quality and attention to detail with every project. We are experts at getting the job done and making sure that each job is done correctly and adhering to the client's specifications every time.

- HV & LV Distribution and Main Switchgear
- Sub main Cabling, Standby Generators & UPS
- Power Systems
- Commercial Lighting
- Emergency Lighting
- Voice & Data Structured Cabling
- Building Management & Control Systems
- Door Entry Systems
- Energy Management
- Lightning Protection
- Site Temporary Installations
- Mechanical Installation
- Maintenance & Servicing
- Electrical Testing & Inspection
- PAT Testing
- Rewires, Redesigns, and Refurbishment
- Fire & Smoke Alarms
- Security Access Control & CCTV Systems
- Intruder/Security alarms
- Solar PV systems





OUR
CORE COMPETENCE



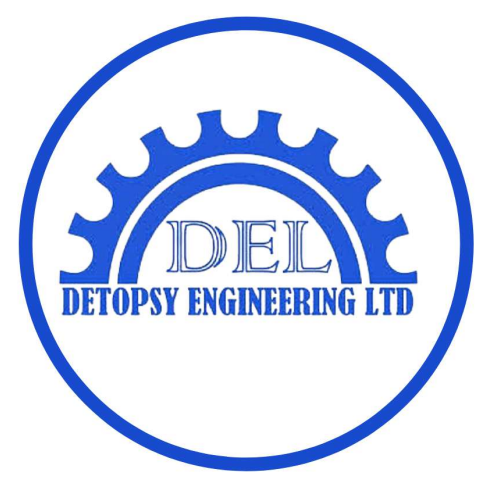
MECHANICAL
ENGINEERING

Build. Enhance. and Sustain.

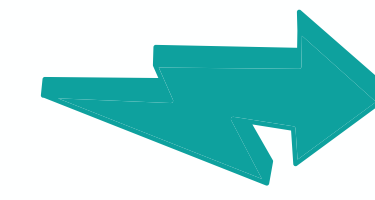
The world is seemingly in a state of constant change. Staying current on building design, mechanical design, and the infrastructure as a whole is crucial to us and undoubtedly, our clients whom we proudly serve.

- PLM Implementation and Customization Services
- CAD Conversion and Migration Services
- 2D Drafting Services
- 3D Modeling and 3D Mechanical Drafting Services
- Reverse Engineering (RE) Services
- Piping Design and Drafting Services
- Manufacturing Support and Process Planning Services
- Value Engineering Services





**OUR
CORE COMPETENCE**



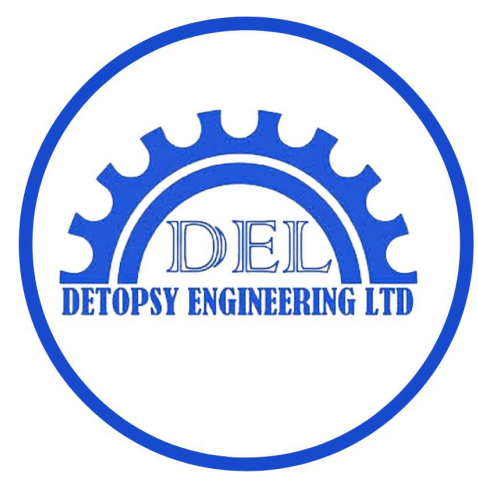
**ENGINEERING
DESIGNS**

Excellence and innovation built into every design.

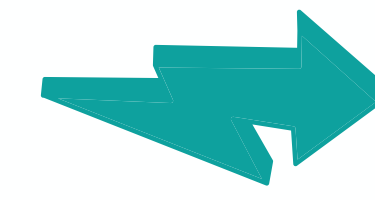
From conceptual design through to final form and function, we are committed to innovation and cutting-edge solutions, aiming to push the limits of what is mechanically and technically possible.

- Process Design & Specification
- Mechanical Design & Specification
- Piping Design & Specification
- Structural Design & Specification
- Electrical Design & Specification
- Instrumentation Design & Specification
- Control System Design & Specification





OUR
CORE COMPETENCE



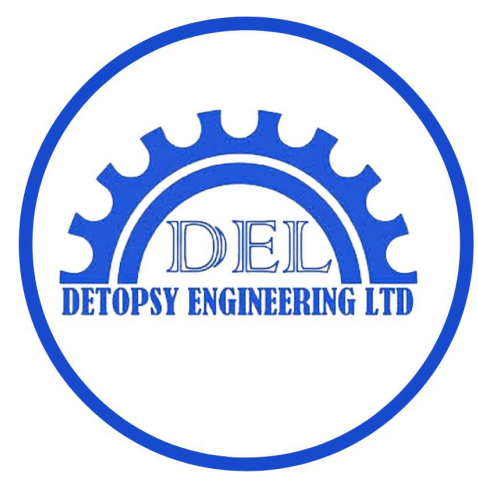
ENGINEERING
PROCUREMENT

Acquiring Standards. Distributing Excellence.

Detopsy specializes in solving customers' procurement needs. We ensure that the products and equipment we supply are matched with their specifications and within their budget and lead-time requirements.

- Industrial and Residential Automation Products
- Specialist Technical Support for Control Products
- Process Control Equipment
- Industrial Electrical Materials
- Commercial Electrical Materials
- Lighting Design Services
- Renewable Energy Products





**WHY
US?**

Deep Experience

Close to a decade of experience in engineering services to industry and commerce at national scale.

Broad Capabilities; Specialist Knowledge

Detopsy Engineering is structured into a number of specialist divisions each focused upon a particular engineering discipline. Unified by strategic principles these divisions together provide a broad range of core capabilities

Health, Safety and Environment

Respect for the environment and protecting the health and wellbeing of our staff and those with whom we work is at the center of all we do.

On Time

We understand that delivering a project late can have serious implications for our client. Detopsy Engineering has established a reputation for delivering challenging, complex projects on time.

Long-term Business Relationship

We believe that business should be conducted fairly and openly: testimony to which is the long term business relationships we have with our clients, any of which span years of mutual trust and respect.

Health, Safety and Environment

Every client has different priorities and each project specific value drivers; particularly in the 21st Century where forces of globalization, sustainability and competition impact all businesses.

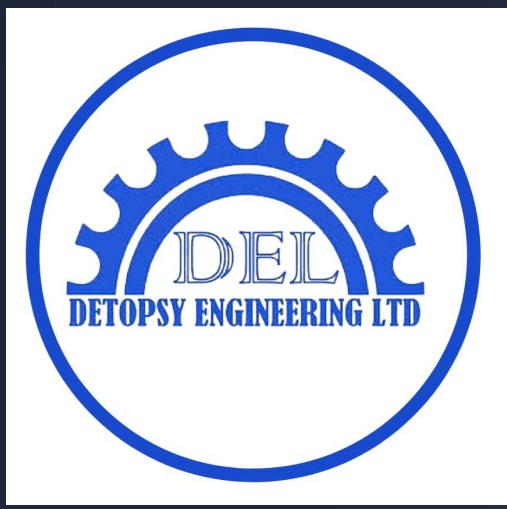
We work collaboratively with clients to optimize value from project budgets by considering a range of engineering options including repair and maintenance of existing services, integration of new technology into existing infrastructure and energy efficient solutions.

One Size Doesn't Fit All

Each project is unique. At Detopsy Engineering we spend time to really understand the requirements to ensure each client receives a bespoke service, tailored to their needs.

Strong Advocacy for Women In Engineering

We believe in diversity and inclusion of women in the engineering field. Detopsy Engineering has taken the initiative to recruit, train and empower more women to diversify its staff strength.



**OUR
SECTORS**

FACTORIES

ENTERTAINMENT
FACILITIES

OFFICES

HEALTH
SECTORS

SHOPPING
FACILITIES

OIL & GAS

SCHOOLS
&
COLLEGES

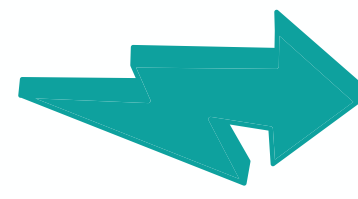
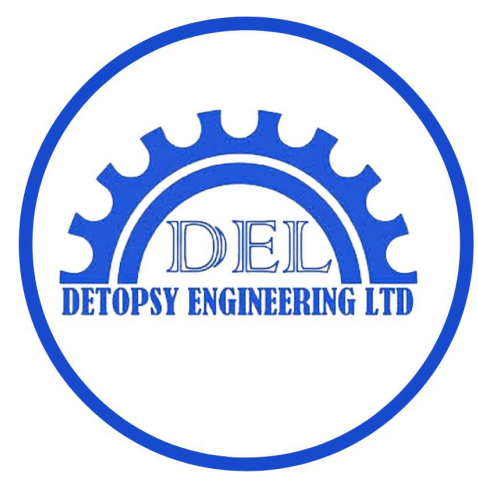
FOOD
&
BEVERAGES

HOTELS

RESIDENTIAL
DEVELOPMENT

SPORT
&
LEISURE
FACILITIES

GOVERNMENT
BUILDINGS



Helping GPPS Secure Their Facilities After A Costly Mistake

Global Process & Pipeline Services Limited (GPPS) is a leading process and pipeline service company in Nigeria, Incorporated in 2000 under the Companies and Allied Matters Acts of Nigeria, and began full operations in 2010. GPPS infrastructure comprises a head office facility in Port Harcourt including workshops, and a sales office in Lagos with a staff strength of over 50 employees.

As a company with such a strong disposition towards Health, Safety, and Environment (HSE), GPPS had contracted an engineering firm to build a standard electrical panel that will not only augment for power usage to sustain the integrity of their facilities but will also automate the process of switching between utility power and generator.

BUT THERE WERE PROBLEMS:

1. It was detected that the MCCB used by the contractor was of a lower grade disguised with ABB stickers. It deteriorated within a few months of installation, posing grave challenges to GPPS facilities.
 2. The electrical panel was without earthing; there was no safe path for evacuation of fault current during electrical fault. This could have led to fire outbreaks and/or electrocution.
 3. The problems were further compounded by the installation of the discontinued Indelec Prevelectron 2 - which was the then industry-standard Lightning Arrester preferred by professionals and which terminated at the rooftop without earthing.
 4. These issues severely stalled the functionality of GPPS servers and consequently led to the loss of data - a very costly outcome!
- The managers of GPPS were deeply concerned by these developments and were in urgent need of a trusted engineering firm to whom they could entrust this project to.

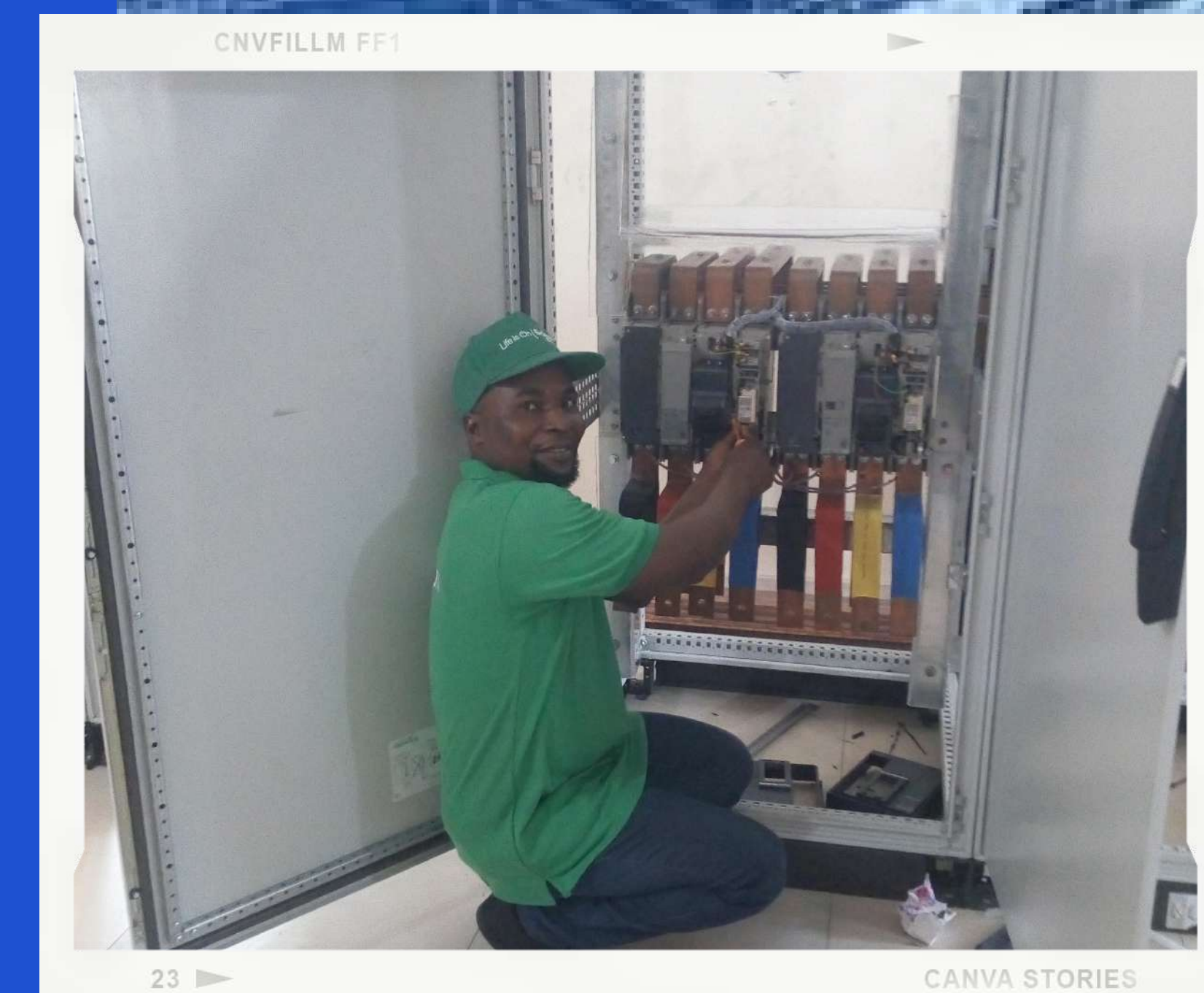
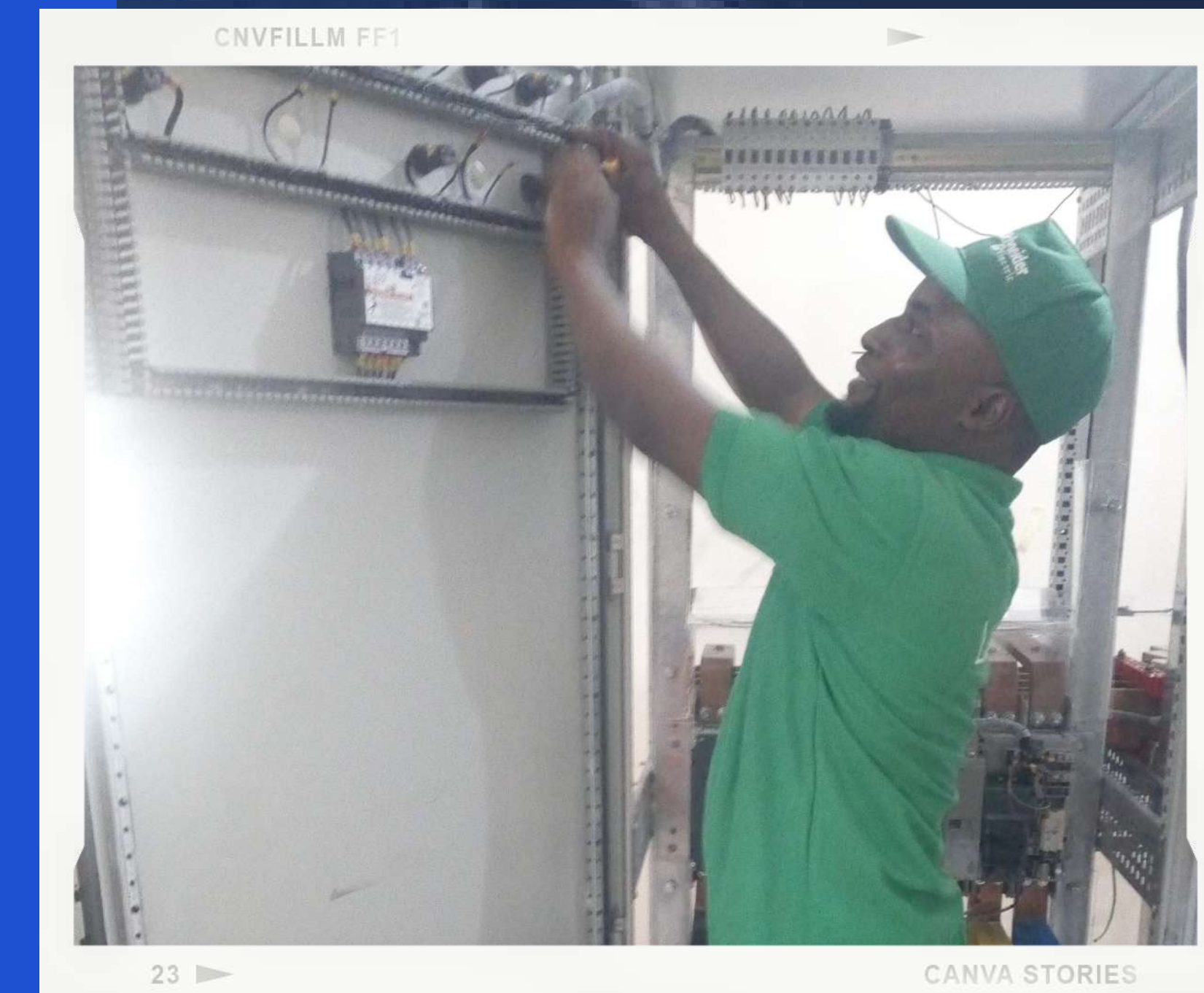
Re-budgeting for a project already executed poses a significant strain on any firm's revenue and they had to get it right this time.

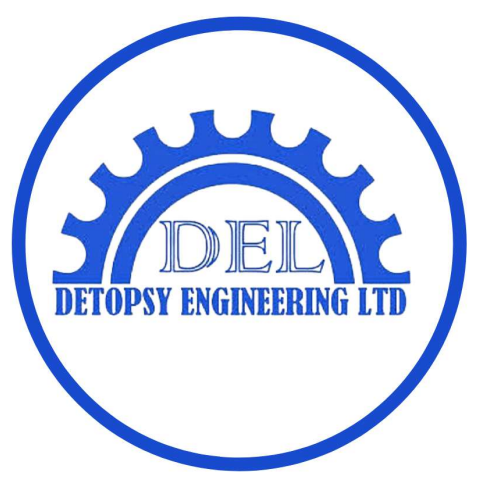
It was in such a dire state of need and sheer determination that Detopsy Engineering was contacted to help GPPS arrest the situation.

AND HERE IS HOW WE HANDLED THE SITUATION:

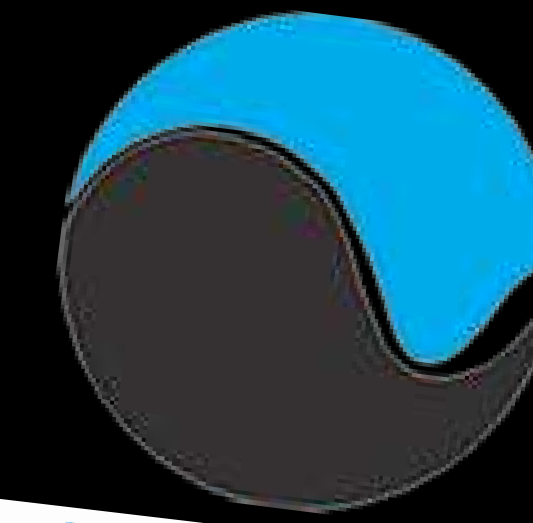
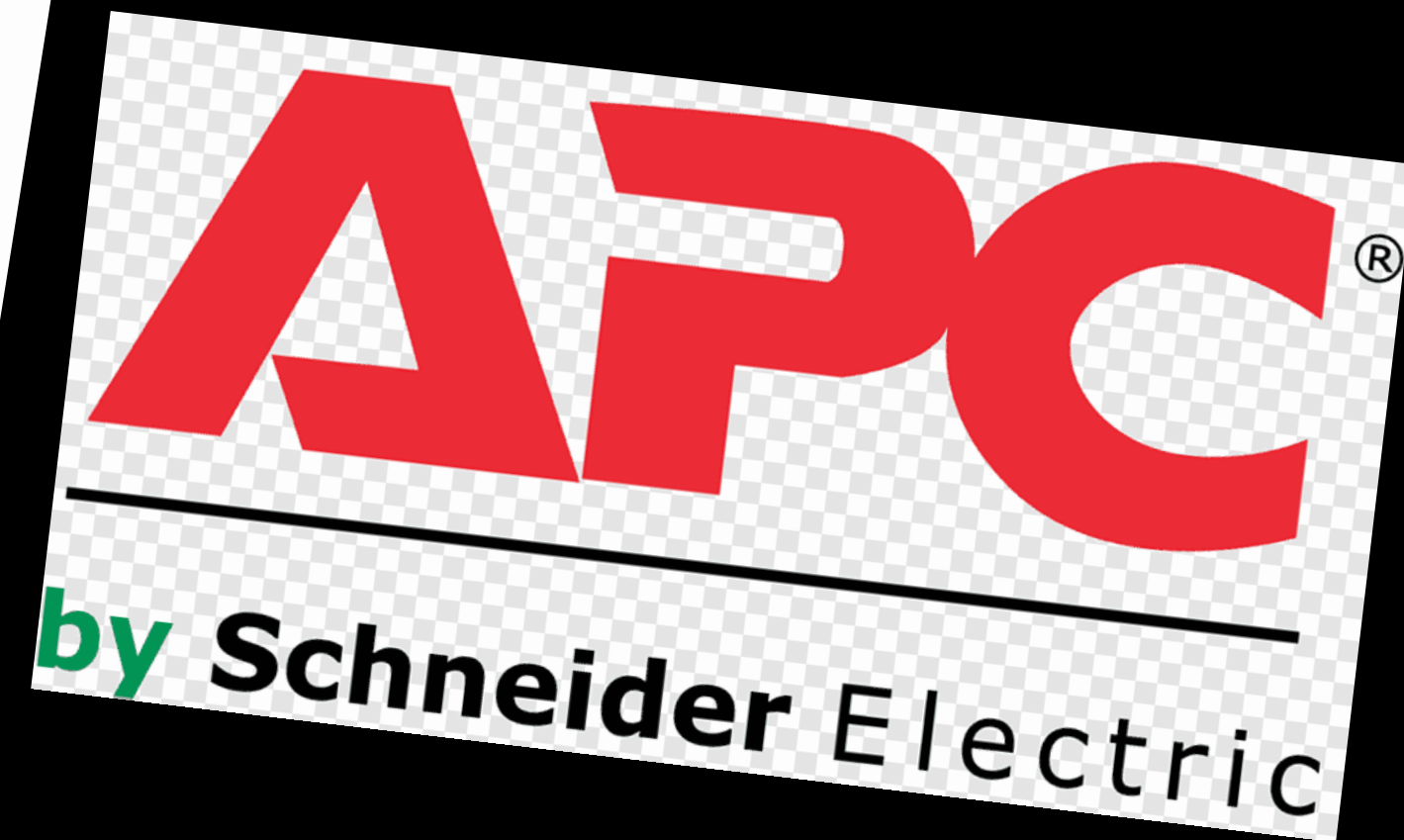
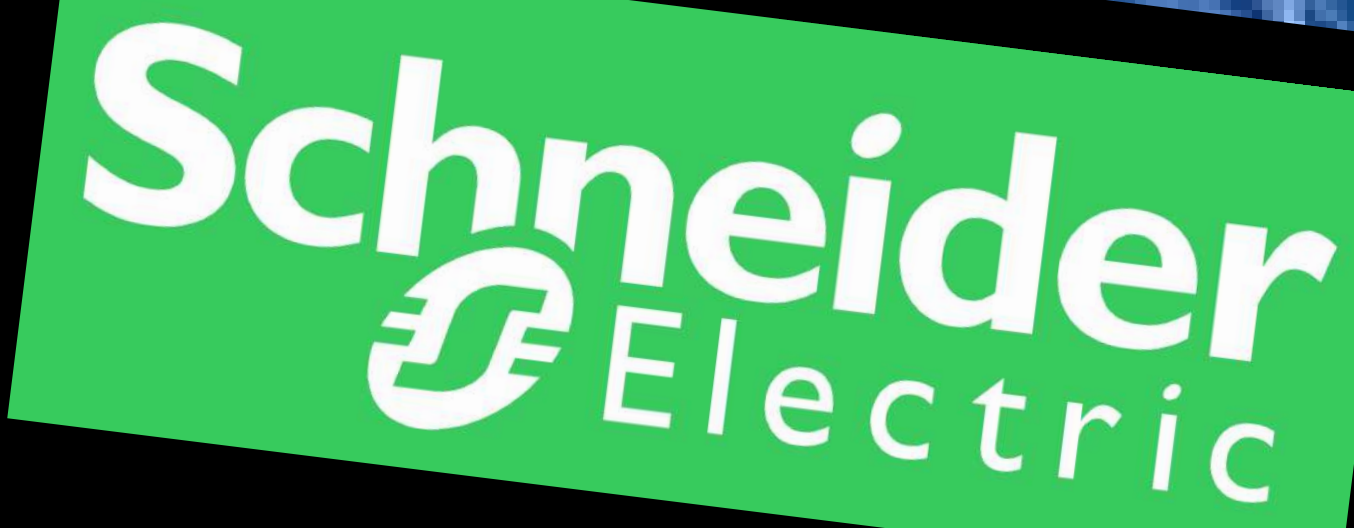
1. We replaced the faulty circuit breakers with original Schneider Electric Circuit Breakers.
2. Worked on the Automatic Starter for the generators which were 250KVA and 500KVA, respectively.
3. We tested to make sure there is a seamless switch between utility power and generator in cases of the presence and absence of utility power.
4. We also contacted Indelec to obtain the original Prevelectron 3 and a good copper down contactor (25mm by 3mm) that passes to the ground, together with a proper earthing.

With the execution of this project, we were able to help GPPS accomplish its core management objective and also protect its facilities from further electric incidence. And we applaud the management for the foresight to choose the best hand for the work.





OUR AFFILIATIONS



Partner With Us

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Detopsy Engineering



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