



Professional electrical services engineered for safety, precision, and long-term reliability.

OUR SERVICE INCLUDE :

- ✓ *ALTERNATIVE ENERGY SERVICES*
- ✓ *ENGINEERING AND TECHNICAL SERVICES*
- ✓ *GENERATOR DIESEL (RENTAL AND SALES)*
- ✓ *DRONE SERVICES*

BUSINESS PROFILE

COMPANY OVERVIEW

TAP IT GROUP, founded in 2017, is a South African engineering and energy solutions company providing solar PV, diesel generators, energy monitoring, and electrical engineering services across residential, commercial, industrial, and utility sectors. The company delivers end-to-end solutions from feasibility and design to installation, commissioning, and O&M. Built on strong values of quality, safety, and reliability, TAP IT GROUP's growth is driven by long-term client relationships and high client retention.



EXECUTIVE LEADERSHIP

Themba Mashabane is the Founder and Technical Director of TAP IT GROUP with more than 15 years of experience in electrical engineering, renewable energy, and power systems, including utility-scale projects, electrical infrastructure, O&M, and regulatory compliance.



Certifications & Competency

- BTech in Electrical Engineering (VUT)
- Postgraduate Business Administration (WITS)
- Legal Liability Certificate (HWSETA, 2020).
- Authorised Person – Operating Regulations for High Voltage Systems (ORHVS).
- Supervision (ELW 001 – Eskom Approved Training).
- Government Certificate of Competency (GCC Factories).
- Specialist Power Systems & Renewable Energy Training.

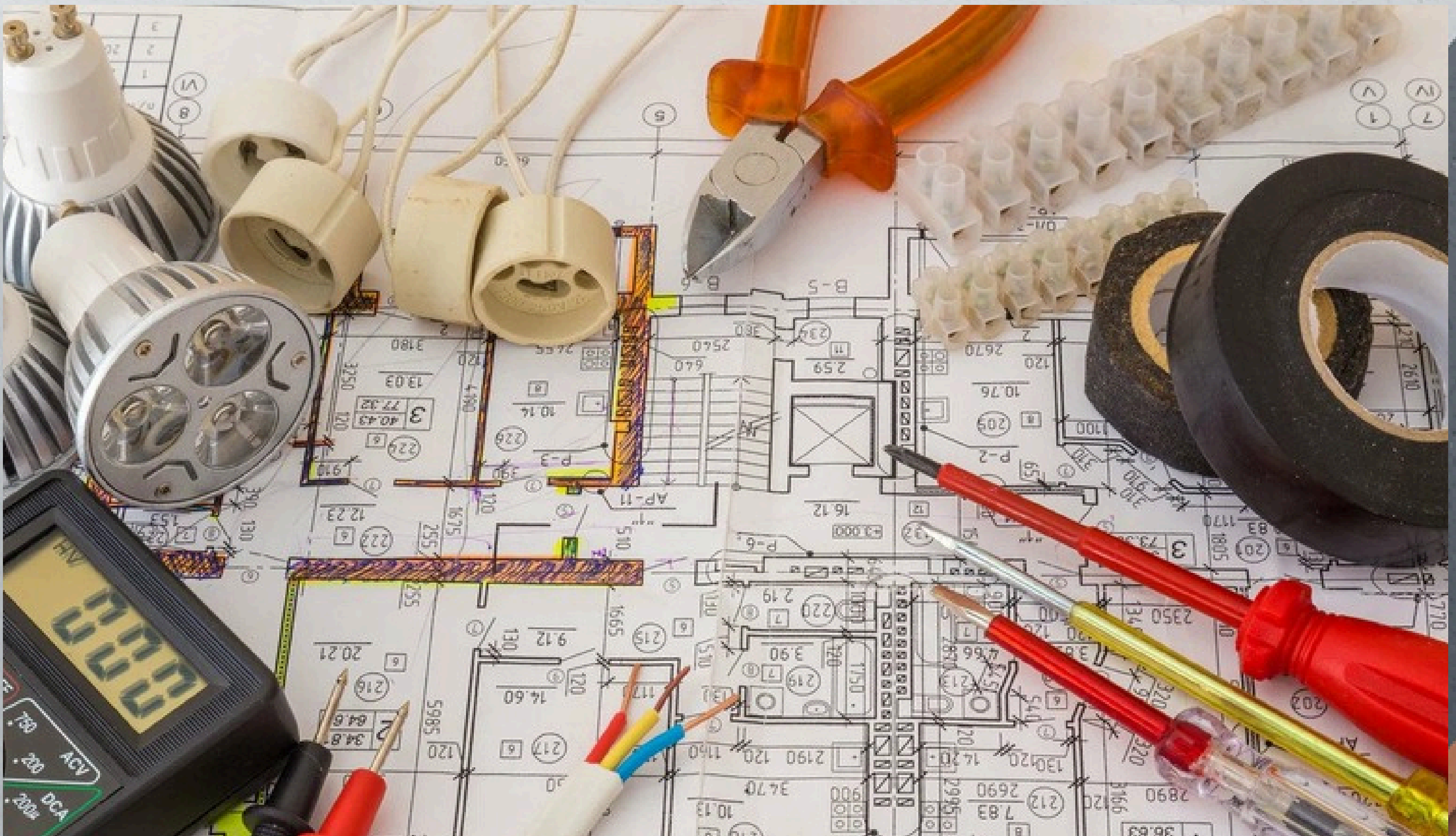
ALTERNATIVE ENERGY SERVICES

- ***Solar consulting and feasibility studies***
- ***Solar PV system design***
- ***Supply and installation of grid-tied, hybrid, and off-grid PV systems***
- ***Battery energy storage system (BESS) integration***
- ***System commissioning and testing***
- ***Performance monitoring and optimisation***
- ***Electrical compliance and certification***
- ***Operations and maintenance (O&M) support***



ENGINEERING AND TECHNICAL SERVICES

- ***Electrical engineering design and review (LV, MV, HV)***
- ***Substation installation, testing, and commissioning***
- ***Protection, control, and SCADA engineering***
- ***Construction quality control and technical supervision***
- ***Technical due diligence and owner's engineering support***
- ***Fault investigation, root cause analysis, and reporting***
- ***As-built documentation and technical handover packs.***

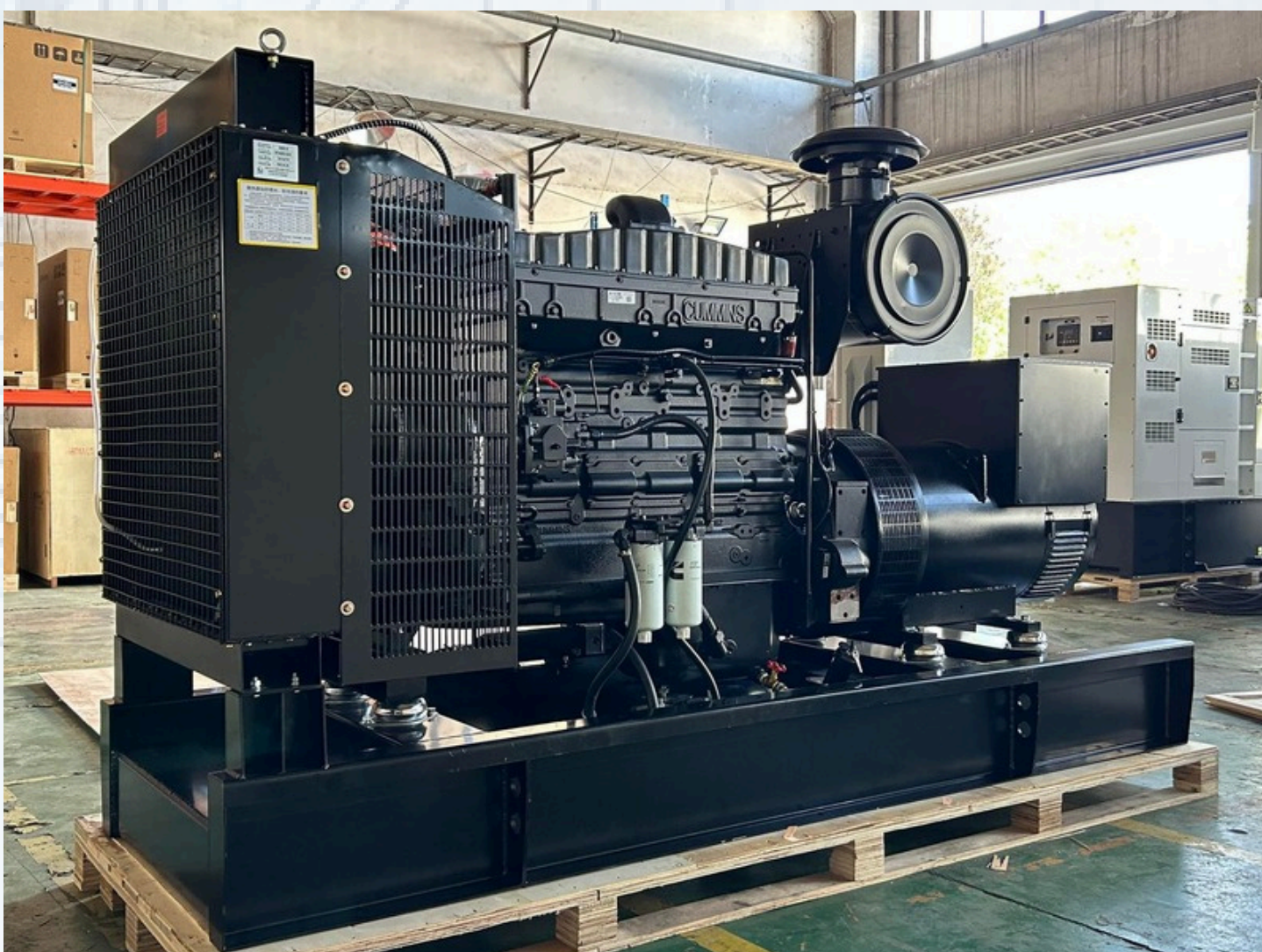


DIESEL GENERATOR

(RENTAL AND SALES)

- ***Diesel Generator – Rental & Sales***
- ***Supply and rental of diesel generators (10 kVA to 3 000 kVA)***
- ***Short-term and long-term generator hire solutions***
- ***Generator sizing and load assessments***
- ***Supply of silent and containerised generator sets***
- ***Installation, commissioning, and testing***
- ***Preventive and corrective maintenance support***
- ***Fuel management and operational support***

TAP IT GROUP holds an exclusive supply and distribution agreement for selected diesel generator solutions manufactured by Yangzhou Yijia Power Equipment Co.Ltd. (Beidou Power). In addition, TAP IT GROUP specialises in Cummins diesel generator sets and has proven capability across other leading brands including Perkins, Yuchai, Shanghai Diesel Engine, Weichai, and Yangdong. This combination of exclusive manufacturing partnerships and multi-brand expertise enables TAP IT GROUP to offer competitively priced, high-quality generator systems with assured lead times, direct factory technical support, and reliable spare-parts availability for clients.





INDUSTRIAL DRONE SOLUTIONS

- Solar PV inspections (thermal hotspot detection, module faults)
- Wind turbine inspections (blade, nacelle, tower checks)
- Power line inspections (connectors, insulators, hotspots)
- Substation and electrical inspections
- Thermal imaging for preventive maintenance
- Construction and progress monitoring
- Fault investigations and emergency inspections

COMPLETED PROJECTS

Project / Client	Sector	Location	Scope of Work	System Size / Capacity	Role / Delivery
Residential Solar PV Portfolio	Residential	South Africa (Multiple Sites)	Design, supply, installation, and commissioning of residential solar PV	214 systems (5–20 kW)	Engineering, Supply & Commissioning
Mahikeng Municipality – New Development	Municipal / Public	Mahikeng, North West	Feasibility studies, preliminary design, and detailed electrical engineering	N/A	Engineering Services
Gauteng Department of Health	Public Sector	Gauteng Province	Mechanical & electrical studies, solar PV integration design, and	N/A	Engineering Services
SANDF – Off-Grid Solar System	Public Sector / Defence	Cape Town, Western Cape	Design, supply, and commissioning of an off-grid solar PV system	50 kW	Engineering, Supply & Commissioning
Utility-Scale Energy Project	Utility / Industrial	Witbank, Mpumalanga	Engineering, supply, and commissioning of a utility-scale energy system	1.2 MW	Engineering, Supply & Commissioning
Sun Central 1 – Proconics (Eskom Works)	Utility / Construction	De Aar, Northern Cape	Generator rentals during construction and servicing of standby generators	500 kVA	Subcontractor – Generator Services
Goldwind Wind Farms (Sankraal, Phezukomoya, Coleskop)	Renewable Energy / Utility	Northern Cape	Generator rentals for cold commissioning of wind turbines	130 kVA	Generator Rental Services
Industrial Client – Hazyview	Industrial	Hazyview, Mpumalanga	Supply, installation, and commissioning of a standby diesel generator	500 kVA	Engineering, Supply & Commissioning
Gold Mine – Mpumalanga	Mining / Industrial	Secunda, Mpumalanga	Supply and installation of a diesel generator	250 kVA	Supply & Installation
Karingani Game Reserve	Commercial / Hospitality	Mozambique	Installation of energy monitoring sensors for electricity measurement and	N/A	Energy Monitoring Services
Sun Central 1 – Site Furniture (Eskom Self-Build Works)	Support Services / Utility	De Aar, Northern Cape	Design and supply of site and office furniture in support of Eskom self-build	N/A	Design & Supply
Distribution Substation – Commissioning	Utility / Power Infrastructure	Zambia	Commissioning of a distribution substation including full protection relay	N/A	Commissioning & Protection Testing
Hydro Power Substation – Commissioning	Utility / Renewable Energy	Zambia	Commissioning of a hydro power substation including functional and	N/A	Commissioning Services
Underground MV Cable Installation	Utility / Power Infrastructure	Zambia	Supply, installation, and testing of underground medium-voltage cable	3.3 kV 4.6 km	Supply, Installation & Testing
Solar Plant – Mpumalanga	Utility / Renewable Energy	Mpumalanga	Design and installation of a ground-mounted off-grid solar plant	3 MVA	Engineering & Installation

TAP IT GROUP – COMPANY DETAILS

Trading Name: TAP IT GROUP

Year Established: 2017

Enterprise Type: Private Company

Business Status: In Business

CIPC Registration Number: 2017/526674/07

SARS Tax Number: 9159571232

VAT : 4170323572

Central Supplier Database (CSD) Number: MAAA0812814

B-BBEE Status: Level 1 Contributor

COID Registration Number: 990001121528

SARS Customs & Importer Registration :CUS0223595

Customs Code: CU25707997

Business Address: Unit 105, Clivia Gardens, Clayville, Gauteng, 1666

Email: Quotations@tapitgrp.co.za

Telephone: 078 529 4231

Website: www.TAPITGRP.co.za