



RC 1917020

**MULTI-TECH ENERGY PLANET & CONCEPT LTD**

*Powering Progress with Renewable Energy*

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

# Executive Summary

- Nigeria's trusted renewable energy solutions provider
- Proven track record across utility, commercial, and community solar
- Expertise in design, engineering, installation & O&M
- Delivering sustainable, cost-effective power for industries and communities

# Company Introduction

- Registered engineering & renewable energy solutions company (RC 1917020)
- Specialized in solar PV, hybrid systems, and backup power solutions
- End-to-end expertise: design → procurement → installation → operation & maintenance (O&M)
- Trusted partner for institutions, universities, healthcare, and industries

# Vision & Mission

- Vision: To lead Nigeria's energy transition through clean technologies.
- Mission: To deliver reliable, affordable solar solutions that power growth and transform lives.

# Our Services

- Utility-Scale Solar Farms – Large grid-connected projects.
- Commercial & Industrial Solar – Powering factories, schools & offices.
- Mini-Grids & Rural Electrification – Expanding access to clean power.
- Healthcare & Education Solar – Reliable energy for hospitals & universities.
- Energy Storage & Hybrid Systems – Lithium battery + inverter solutions.

# Key Projects

# NSIA / Kano 10 MWp Solar Project



**MULTI-TECH ENERGY served as EPC and implementation partner, supporting Kano's Challawa Industrial Cluster with a landmark industrial solar plant.**

- 21,000+ solar panels
- 52 inverters (approximately 200–250 kW each)
- 2 × 6 MVA transformers
- 12 km evacuation line to Challawa Industrial Cluster
- SCADA monitoring & control system
- Provides reliable power, creates 300+ direct and 2,000+ indirect jobs
- Cuts diesel use, lowers emissions, and strengthens grid stability
- Completed January 30, 2023

# Bayero University Hybrid PV Park (3.5 MWp, Kano)



**MULTI-TECH ENERGY served as EPC and implementation partner, supporting the university with a reliable hybrid solar and storage system.**

- 5,000 solar panels
- 12 inverters (approximately 250 kW each)
- Lithium battery bank ~7,500 kWh (250 × 30 kWh units)

- Provides reliable power for research and teaching, reduces diesel use by 70%
- Supplies stable energy for 20,000+ students and staff
- Completed September 3, 2019

# Kano 1 MWp Interconnected Mini-Grid (Kumbotso LGA)



**MULTI-TECH ENERGY participated as EPC and implementation partner in this innovative mini-grid serving households and small businesses.**

- 1,400 solar panels
- 6 inverters (approximately 160 kW each)
- Lithium battery bank ~2,500 kWh (85 × 30 kWh units)
- Provides power to 2,000+ households and small businesses
- Boosts local commerce and productivity
- Cuts reliance on kerosene and petrol generators
- Completed June 19, 2025

# Zurmi Hospital Solar Project (250 kW, Zamfara)



**MULTI-TECH ENERGY** contributed as design and installation partner, enabling 24/7 clean power for a major healthcare facility.

- 360 solar panels
- 4 inverters (approximately 60 kW each)
- Lithium battery bank ~1,000 kWh (34 × 30 kWh units)
- Provides 24/7 power for surgeries, maternity, and emergency care
- Reduces hospital generator costs by 80%
- Improves patient safety and healthcare service delivery
- Completed April 2025

# Shimankar Solar Plant (1 MWp, Plateau State)



**MULTI-TECH ENERGY** acted as regional delivery partner, electrifying the Shimankar community with reliable solar power.

- 1,450 solar panels
- 5 inverters (approximately 200 kW each)
- Lithium battery bank ~2,000 kWh (67 × 30 kWh units)
- Provides electricity to the Shimankar community
- Supports agriculture and local industries
- Reduces grid shortfalls and generator reliance
- Completed December 3, 2020

# FUAM Solar Hybrid Plant (8.25 MWp, Makurdi, Benue State)



**MULTI-TECH ENERGY** partnered strategically in deploying one of Nigeria's largest university solar hybrid plants.

- 11,800 solar panels
- 28 inverters (approximately 300 kW each)
- Lithium battery bank ~4,000 kWh (134 × 30 kWh units)
- Provides reliable power for ICT, laboratories, and campus operations
- Serves as a training hub for renewable energy engineers
- Completed December 4, 2020.

# Summary of Achievements

- 25+ MWp solar projects delivered across Nigeria.
- Track record in utility, healthcare & rural electrification. Impacting 50,000+ lives with clean energy.
- Proven ability to execute high-profile national projects.

# Why Choose MULTI-TECH

- Expertise in solar PV & hybrid systems.
- Trusted by institutions, universities & healthcare.
- Strong presence across Northern & North-Central Nigeria.
- Committed to sustainability, affordability & innovation.

# THANK YOU

Let's Power Progress Together

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**MULTI-TECH ENERGY – Powering Progress, Transforming Lives**