



THE COMPANY PROFILE

Our cutting-edge technology and expert team ensure that our clients receive reliable and customizable energy solutions that are tailored to their unique needs. We are committed to creating a cleaner, greener future for all through innovation and sustainability.

191 Ikorodu Road, Opp Palmgroove Bus Stop,
Lagos Nigeria

2025

www.cloudenergy.com.ng

CEO STATEMENT



Theophilus C Nweke

CEO COMPANY

Our mission is to revolutionize the energy industry by providing innovative and efficient solutions that benefit both our clients and the environment. We believe that renewable energy is not only the responsible choice, but also the smart choice for businesses and individuals who want to reduce their carbon footprint and save on energy costs. We are committed to pushing the boundaries of what is possible in renewable energy and are excited to be at the forefront of this transformative industry

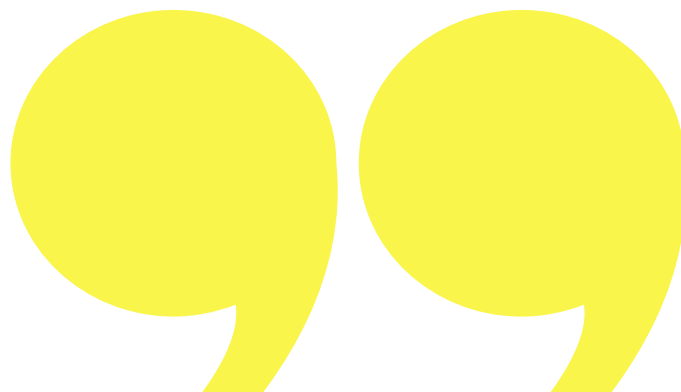


TABLE OF CONTENTS

1	About Company
2	Vision & Mission
3	Business Achievement
4	Our Services
5	How We Work
6	Our Projects
7	Our Creative Team
8	Get In Touch



ABOUT COMPANY

Cloud Energy Photoelectric Limited (CEPL) is a wholly-Nigerian owned and managed solar company registered with the Corporate Affairs Commission in 2015. CEPL have developed and currently operates over 1MW of solar installations across Nigeria, including Mini-grids.

A renewable energy company with over 25 years of experience in the solar industry. With branches in Abuja, Lagos, Enugu, Ebonyi, Adamawa, Calabar, Akwa Ibom, Plateau, Borno, Portharcourt, Abia, Benue. Our team of experts has been at the forefront of the industry, leading the way in innovative and sustainable energy solutions. Over the years, we have successfully deployed numerous solar systems, including 9 mini-grids, in communities across the globe, bringing clean and reliable energy to those who need it most.

We are dedicated to delivering sustainable energy solutions that are tailored to the specific needs of our clients. From residential to commercial applications, we have the experience and expertise to provide customized solutions that maximize energy efficiency and reduce costs. Our commitment to energy efficiency extends beyond just solar solutions, as we also specialize in a variety of energy-efficient technologies, such as LED lighting, cold storage facility and smart home automation.

At Cloud Energy, we are committed to staying ahead of the curve when it comes to new and impactful technologies. We are constantly exploring and testing emerging technologies to ensure that we are providing our clients with the most cutting-edge and effective solutions available.

Our team is made up of passionate individuals who are dedicated to creating a more sustainable future through renewable energy. We believe that our work has the potential to make a significant impact on the world, and we are committed to continuing to lead the way in the renewable energy industry.

Off-Grid Pioneers and Rural Electrification Champions: CEPL is a forerunner in off-grid solutions and rural electrification initiatives. Our experience in bridging energy gaps in remote regions has empowered countless communities to thrive by gaining access to reliable power sources. We've transformed lives by providing electricity to underserved areas, catalyzing economic growth and enhancing the overall quality of life.

Empowering Agricultural Facilities: CEPL's impact extends to the agricultural sector, where we have harnessed renewable energy to bolster productivity and sustainability. By integrating solar solutions into agricultural facilities, we empower farmers with uninterrupted power, enhancing irrigation, storage, and processing capabilities, resulting in increased yields and improved livelihoods.

Productive Use Ventures: Our vision extends beyond mere energy provision. CEPL leverages renewable energy to foster productive use ventures that stimulate economic growth in various sectors. By aligning energy solutions with income-generating activities, we help clients unlock new opportunities and contribute to local economic development.

VISION & MISSION



Vision

Our vision at Cloud Energy is to lead the way in creating a more sustainable future through renewable energy. We believe that everyone should have access to clean and reliable energy, and we are dedicated to providing innovative and customized solutions to meet that need. Our goal is to revolutionize the energy industry by pushing the boundaries of what is possible through emerging technologies and sustainable practices. We envision a world where renewable energy is the norm, and we are committed to making that vision a reality through our work at Cloud Energy.



Mission

At Cloud Energy, our mission is to provide sustainable and efficient energy solutions to businesses and individuals around the world. We believe that renewable energy is the key to creating a cleaner, more sustainable future, and we are dedicated to making that future a reality through our work. Our team of experts is committed to delivering customized solutions that maximize energy efficiency, reduce costs, and help our clients meet their sustainability goals. We are passionate about creating positive change through our work, and we strive to lead the way in the renewable energy industry through innovation and sustainability.

CORE VALUES



Core Values

1. Integrity

Integrity is the foundation of everything we do. We are committed to conducting our business with honesty, transparency, and ethical standards. By consistently delivering on our promises, we build trust and foster long-term relationships with our customers, partners, and stakeholders.

2. Professionalism

We strive for excellence by maintaining a high level of professionalism in all aspects of our business. From our technical expertise to our customer service, we aim to deliver exceptional value with precision and dedication.

3. Customer First

Our customers are at the heart of our business. We prioritize their needs and satisfaction, ensuring that our solutions are tailored to meet their unique requirements. By listening, understanding, and responding effectively, we create lasting value and meaningful relationships.

4. Taking Ownership

We take full responsibility for our actions and commitments. By embracing ownership, we ensure that our solutions are delivered with the highest level of quality, and any challenges are addressed promptly and effectively.

5. Teamwork

Collaboration is essential to achieving our mission. By working together, we combine diverse perspectives, skills, and ideas to create innovative solutions and achieve shared goals. We believe our collective strength lies in our unity, both as a company and as a partner to our customers.



BUSINESS FOCUS

- A. Renewable Energy Solutions: Solar Mini grids, Solar Home Systems.
- B. Solar Panels.
- C. Solar Charge Controllers
- D. Solar and Home Inverters.
- E. Solar Home system.
- F. Solar Home Inverter Bundles
- G. Solar Street Lighting
- H. Deep Cycle batteries
- I. Energy Conservation systems
- J. Cold Storage Facility : Solar Fridges, Solar Freezers, TV Etc.
- K. Led Lighting.
- L. Solar Electric Vehicle
- M. Solar Electric Bike
- N. Solar Electric Tricycle
- O. Solar Electric Charge Stations



OUR COMPLETED PROJECTS

- Deployment of 100kW Solar Hybrid Minigrid at Ikwo Local Government Area, Ebonyi State.
- Deployment of 100kW Solar Hybrid Minigrid at Ogudu Local Government Area, Cross River State.
- Deployment of 100kw Solar Hybrid Mini Grid at Gurin, Fufore LGA Adamawa State To Support Agricultural Purposes with 2 Rice Mills.
- Deployment of 500KW Solar Power Plant At Navante Oil & Gas Limited Factory Yard, Portharcourt.
- Cold Store Operating in Odegba Market , Enugu State In Partnership with Manamuz Electric
- Deployment of 100 Fridges/Freezers in Selected communities in South East for Businesses and Productive Use.
- Deployment of 5KW solar Hybrid system to power 10 Interactive white Boards at the Michael Okpara University of Agriculture in Umudike.
- Deployment of 20KW Solar Hybrid system for the Enterprise development center as part of PAN African University for powering of a conference room in the Center as well as the street lights.
- Sales of Over 3000 Solar Hybrid Inverter systems/ Solar generators to homes and offices
- Deployment of 100KW Solar Hybrid Power system for the Postgraduate school of Michael Okpara University in Umudike Abia State.
- Deployment of 5KW Solar Hybrid System for Connell University New York at the National Root Crop Research Institute Umudike Abia State.
- Deployment of Power backup solution for Diamond bank Plc.
- Deployment of Solar backup solution for Corona School.
- Deployment of Enterprise backup solution for BHS international. Lagos.
- More projects are on-going with the growing adoption of Solar solutions as a mainstream electricity platform.



OUR SERVICES

At Cloud Energy, we are committed to providing innovative and sustainable solutions that help our clients meet their energy needs while reducing their carbon footprint. Our team of experts has the knowledge and experience to deliver customized solutions that maximize energy efficiency, minimize costs, and create positive change in the world. Contact us today to learn more about our services and how we can help you transition to renewable energy.



Solar System Design and Deployment

Our team of experts will work with you to design and deploy a solar system that meets your energy needs, maximizes efficiency, and minimizes costs. Citizens can liberate themselves from darkness by generating enough electricity to become energy independent without the recurrent noise of generators or the epileptic nature of the Public supply system.

Cloud Energy Photoelectric Ltd delivers affordable Green, Clean Energy to its teeming Clients' businesses with Solar System Solutions bundled to each customer need.



Mini Grid Project Deployment

We have extensive experience in deploying mini-grids in communities across the globe, providing reliable and sustainable energy to those who need it most. Our Mini-grids are particularly useful in areas where access to electricity is limited or unreliable, providing a reliable and sustainable source of energy to communities that may not have access to grid electricity.



Cold Storage Facility

We provide high-quality freezers that ensure reliable and efficient cooling for various product types. Our freezers are designed to meet diverse storage needs, from small-scale to industrial applications.

CEPL specializes in designing and constructing industrial cold rooms that cater to large-scale storage demands. These cold rooms are equipped with advanced refrigeration systems and state-of-the-art technology.

Our expertise extends beyond individual products to comprehensive facility solutions. We provide consultancy, design, and installation services for cold storage facilities, ensuring optimal performance and efficiency.



E-Mobility

With the Innovation of EV, E-Bike and E-Tricycle, Cloud Energy as the leading pacesetters in renewable energy in Nigeria with the drive to eliminate challenges of mobility both rural and urban areas across the country.



Engineering, Procurement and Construction

We offer turnkey EPC services for renewable energy projects, ensuring seamless execution from concept to completion. Our expertise ensures that every project is delivered on time, within budget, and to the highest quality standards.



100KVA Solar Hybrid Mini Grid Deployment - Gurin Adamawa State

Cloud Energy was contracted to design and install a 100 kVA solar hybrid mini-grid system in Gurin, Adamawa State, Nigeria. The mini-grid system consists of 280 solar panels, a 100 kVA inverter, and 540 Ah battery bank. The system was designed to provide clean and reliable electricity to over 500 households, small businesses, and community facilities in Gurin. The mini-grid system was integrated with a remote monitoring and control system to enable real-time monitoring and management of the system.

iMPACT: Impact: The deployment of the 100 kVA solar hybrid mini-grid solution in Gurin has had a significant impact on the community, especially agricultural appliances where we deployed 2 rice mills to stimulate the electricity from the mini grid. The deployment of the mini-grid system has also had a positive impact on the local economy, with small businesses now able to operate longer hours and expand their services. The mini-grid system has also enabled community improve its agricultural production, which has grown over 150%. They now produce barrels of rice and sell to neighbouring communities



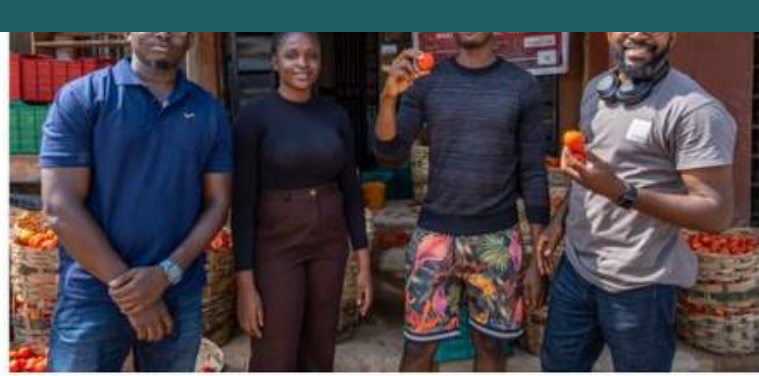
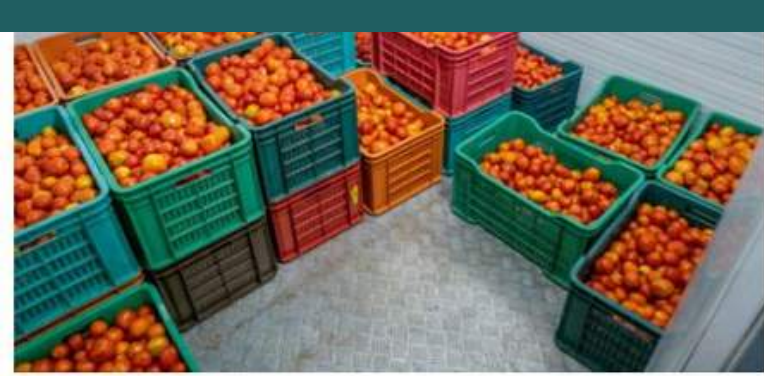


100KVA Solar Hybrid Mini Grid Deployment - Omor Anambra State

Cloud Energy was contracted to design and install a 100 kVA solar hybrid mini-grid system in Gurin, Anambra State, Nigeria. The mini-grid system consists of 256 solar panels, a 100 kVA inverter, and 640 Ah battery bank. The system was designed to provide clean and reliable electricity to 2 Rice Mills and Households, small businesses, and community facilities in Omor Community in Anambra State. The mini-grid system was integrated with a remote monitoring and control system to enable real-time monitoring and management of the system.

IMPACT: Impact: The deployment of the 100 kVA solar hybrid mini-grid solution in Omor has had a significant impact on the community, especially agricultural appliances where we deployed 2 rice mills to stimulate the electricity from the mini grid. The deployment of the mini-grid system has also had a positive impact on the local economy, with small businesses now able to operate longer hours and expand their services. The mini-grid system has also enabled community improve its agricultural production, which has grown over 150%. They now produce barrels of rice and sell to neighbouring communities





Cold Store Operating in Odegba Market , Enugu State In Partnership with Manamuz Electric

The introduction of Cloud Energy Photoelectric Ltd's advanced cold storage solutions in Odegba Market, Enugu State, brings significant benefits. With precise temperature control powered by renewable energy, these solutions extend product shelf life, reduce waste, and enhance food security. The modern infrastructure attracts more businesses, leading to economic growth, job creation, and a boost in technological advancement. By bolstering product quality, sustainability, and community empowerment, CEPL's impact transforms the local cold storage operating landscape, positioning Odegba Market as a hub for innovation and progress.

Economic Growth: The advanced cold storage infrastructure provided by CEPL can attract more businesses to the Odegba Market. The availability of reliable cold storage can encourage farmers, producers, and vendors to expand their offerings, leading to increased economic activity within the market.

Strengthening Food Security: The improved preservation capabilities of CEPL's cold storage solutions contribute to enhanced food security in the region. Farmers and suppliers can now store larger quantities of produce, reducing the risk of shortages during seasonal variations or disruptions.

Business Expansion Opportunities: With CEPL's specialized offerings like industrial cold rooms and facility solutions, businesses in Odegba Market can consider expanding their operations. This can lead to job creation and economic growth within the community.

Technological Advancement: The introduction of CEPL's advanced technologies showcases Odegba Market as a hub for innovation and modernization. This can attract attention and investment from various sectors, further boosting the market's profile.

Community Empowerment: As local vendors and suppliers adopt CEPL's solutions, they gain access to modern infrastructure and efficient processes, enhancing their competitiveness in the market and potentially increasing their income.



100KVA Solar Hybrid Mini Grid Deployment - Eka Awoke, Ebonyi State

Cloud Energy was contracted to design and install a 100 kVA solar hybrid mini-grid system in Eka Awoke, Ebonyi State, Nigeria. The mini-grid system consists of 320 solar panels, a 100 kVA inverter, and battery bank. The system was designed to provide clean and reliable electricity to over 350 households, small businesses, and community facilities in Eka Awoke. The mini-grid system was integrated with a remote monitoring and control system to enable real-time monitoring and management of the system.

Impact: The deployment of the 100 kVA solar hybrid mini-grid solution in Eka Awoke has had a significant impact on the community, small businesses, and community facilities. The mini-grid system provides a reliable and sustainable source of electricity to the community, reducing their dependence on expensive and unreliable diesel generators. The deployment of the mini-grid system has also had a positive impact on the local economy, with small businesses now able to operate longer hours and expand their services. The mini-grid system has also enabled community facilities such as schools and health clinics to provide better services to the community, with improved lighting, communication, and medical equipment.





300VA GRID EXTENSION DEPLOYMENT - Bauchi State

Cloud Energy was contracted to design and install a 300VA transformer grid extension in Bauchi, Nigeria. The grid extension involved the installation of a new transformer, poles, and distribution lines to connect previously unconnected households and businesses to the main power grid. The grid extension was designed to provide reliable and affordable electricity to over 100 households and small businesses in the area.

Impact: The deployment of the 300VA transformer grid extension in Bauchi has had a significant impact on the community and small businesses. The grid extension has provided a reliable and affordable source of electricity to previously unconnected households and businesses, reducing their dependence on expensive and unreliable diesel generators. The deployment of the grid extension has also had a positive impact on the local economy, with small businesses now able to operate longer hours and expand their services.





100KVA MINI GRID DEPLOYMENT - Amaorji community, Abia State

The deployment of a 100KVA mini-grid in Amaorji community, Abia State, marks a pivotal moment in enhancing the local residents' quality of life. This project provides consistent and reliable electricity to a previously underserved community, enabling improved access to essential services such as healthcare, education, and communication. The mini-grid's operation not only boosts economic opportunities through extended business hours and enhanced productivity but also contributes to environmental sustainability by reducing reliance on traditional, less efficient energy sources. Overall, the project positively transforms Amaorji's social, economic, and environmental landscape, fostering progress and empowerment.





NEP Productive Use Appliances & Equipment Result Based Finance Programme Ongoing

The Productive Use Appliances and Equipment (PUE) Component of NEP aims to help increase the productive use of energy by facilitating the deployment of electric productive appliances and equipment in mini grid communities. Applicants will receive subsidies ranging from 30-60% off the Appliance and Equipment costs and verified transportation costs. The target grantees are Energy Access Companies (EAC) - companies providing access to electricity and electric appliances in rural and peri-urban communities powered by mini grids. Target beneficiaries are metered consumers of electricity from a mini grid.

Cloud Energy was selected to deploy cold storage facilities to Mini Grid in Eka Awoke and Obudu Communities to help grow their income generating activities and boost economic developments.





Distribution of Freezer/ Fridges Across Businesses in the South Eastern Region

The Distribution of Freezers/Fridges Across Businesses in the South Eastern Region involved a strategic and coordinated effort to provide essential cooling and storage solutions to various businesses in the specified region. The objective of this initiative was to enhance the operational capabilities of businesses, particularly those dealing with perishable goods or requiring refrigeration for their products.

Established a support channel for businesses to report any technical issues or seek assistance. Provided timely maintenance services to ensure the equipment's longevity and uninterrupted functionality.

Implemented a monitoring mechanism to track the performance of the distributed freezers/fridges. Assessed the impact of the initiative on businesses' operations, productivity, and profitability.

Encouraged businesses to share their feedback on the equipment's performance and overall experience. Utilized this feedback to continuously improve the quality of services and address any emerging need.

Fostered community engagement by collaborating with local business associations and organizations to ensure the initiative's success. Leveraged these partnerships for effective outreach and awareness.



DEPLOYMENT OF 750KW SOLAR POWER PLANT AT NAVANTE OIL & GAS LIMITED FACTORY YARD, PORTHARCOURT.

Cloud Energy Photoelectric Limited was awarded the contract to design, procure, and install a 750kW Solar Plant for Navante Oil and Gas Limited at their factory yard in Port Harcourt, Rivers State. The project, awarded in November 2024, aims to provide a sustainable and reliable energy solution for the company's operations, significantly reducing reliance on conventional power sources and improving energy efficiency.

The scope of work included the engineering design, procurement of high-quality solar components, installation, and commissioning of the system. Additionally, Cloud Energy provided operational training and will offer ongoing maintenance and monitoring services. The project is a testament to Cloud Energy's expertise in delivering large-scale solar solutions to commercial and industrial clients, ensuring long-term reliability and cost savings.

This partnership highlights Cloud Energy's commitment to advancing the adoption of renewable energy solutions in Nigeria's oil and gas sector.





DEPLOYMENT OF 800KW SOLAR POWER PLANT AT ONE STOP TECHNOLOGY AGRO FARM YARD, ORLU IMO STATE.

Deployment of 800kW Solar Power Plant at One Stop Technology Agro Farm Yard, Orlu, Imo State

Cloud Energy Photoelectric Limited was awarded the contract to design, procure, and install an 800kW Solar Power Plant for One Stop Technology Agro Farm Yard in Orlu, Imo State. The project, initiated in [insert month and year], is aimed at delivering a sustainable and uninterrupted power supply to support the farm's agricultural processing operations, reduce dependence on diesel generators, and enhance energy efficiency across the facility.

The scope of work encompassed detailed engineering design, procurement of high-efficiency solar components, complete installation, and commissioning of the system. Cloud Energy also provided hands-on operational training for the facility's staff and will continue to deliver maintenance and remote monitoring support to ensure optimal system performance. This project reinforces Cloud Energy's capacity to implement large-scale renewable energy solutions for agribusinesses, driving productivity, sustainability, and cost-effectiveness.





DEPLOYMENT OF 100KW SOLAR HYBRID POWER SYSTEM FOR THE POSTGRADUATE SCHOOL OF MICHAEL OKPARA UNIVERSITY IN UMUDIKE ABIA STATE.

Cloud Energy Photoelectric Limited successfully deployed a 100KW Solar Hybrid Power System for the Postgraduate School of Michael Okpara University in Umudike, Abia State. This project involved the installation of a reliable solar power solution designed to meet the energy needs of the institution, providing clean, sustainable electricity while reducing reliance on the national grid. The system integrates solar power generation with backup storage, ensuring a stable power supply for the postgraduate school's operations, even during grid outages. The installation is part of Cloud Energy's ongoing efforts to support educational institutions with renewable energy solutions.





Supply and Installation of 11kV Switchgear at Abuja Electricity Distribution Company substation, gwarinpa, Abuja.

Cloud Energy conducted a comprehensive analysis of the substation's power distribution requirements and formulated a design plan for the 11kV switchgear system to ensure optimal compatibility and performance.

Cloud Energy sourced high-quality 11kV switchgear equipment from reputable manufacturers. Rigorous quality checks were carried out to ensure the equipment met industry standards and specifications.

Cloud Energy managed the logistics and transportation of the switchgear components from the manufacturing site to the project location at the Gwarinpa substation. This included ensuring safe packaging and timely delivery.

Cloud Energy's team of skilled engineers and technicians executed the installation of the 11kV switchgear equipment at the substation. The installation process followed best practices to ensure safety and efficiency.

Cloud Energy conducted thorough testing and commissioning of the newly installed switchgear to verify its performance, reliability, and compatibility with the existing infrastructure. This step ensured a seamless integration into the substation's operations.

Cloud Energy provided comprehensive training sessions for the substation's operational staff, enabling them to effectively operate, maintain, and troubleshoot the new switchgear system.



Distribution of Solar Electricity to Over 10,000 Households and Businesses Across Nigeria

At Cloud Energy, we are dedicated to transforming the way households access and utilize energy. Our unwavering commitment to innovation and sustainability has propelled us to a remarkable milestone: the deployment of 10,000 solar systems to homes and business across the nation.

Our partnership with the Universal Energy Facility (SEFORALL) represents a significant milestone in our mission to drive sustainable energy solutions. Through this grant partnership, we have been able to extend the benefits of clean and reliable energy to businesses across various sectors, empowering them to thrive in an environmentally conscious manner. The UEF grant has enabled us to provide 440 businesses with solar systems tailored to their unique energy needs.





We are actively engaged in the delivery and installation and deployment of solar solution to businesses across the country to bridge the energy gap. We help them to reduce their energy cut, save money and generate more revenue.



PARTNERSHIP AND COLLABORATION

At Cloud Energy Photoelectric Limited, we recognize the power of partnerships in achieving our mission of providing sustainable energy solutions. Our collaborations span across financial institutions, global manufacturers, government bodies, and international agencies, ensuring that we deliver innovative, high-quality, and affordable energy systems to our customers.



Flexible Payment Get financing from



MANAGEMENT PROFILE



THEOPHILUS NWEKE

MD/CEO

With over 20 years of experience in the renewable energy industry, with a proven track record of delivering successful projects across Nigeria and beyond. With a background in engineering and business management, our MD provides strategic leadership and direction to the company, ensuring that we stay at the forefront of the industry.



CHIOMA NWEKE

EXECUTIVE DIRECTOR

Our Executive Director Sales brings over 15 years of experience in sales and marketing, with a focus on renewable energy solutions. With a deep understanding of our clients' needs and challenges, our Executive Director Sales leads our sales team to deliver tailored and cost-effective solutions to our clients.



UCHE OTEH

EXECUTIVE DIRECTOR/ HEAD OF
ENGINEERING & TECHNICAL SERVICES

Engr. Uche Oteh is a seasoned professional with extensive expertise in engineering and a proven track record of effective leadership. As our Executive Director and Head of Engineering, he brings a wealth of knowledge in strategic planning, project execution, and technical innovation. With a keen ability to navigate complex challenges, Engr. Oteh leads our engineering team with vision, driving the successful development and implementation of cutting-edge solutions.

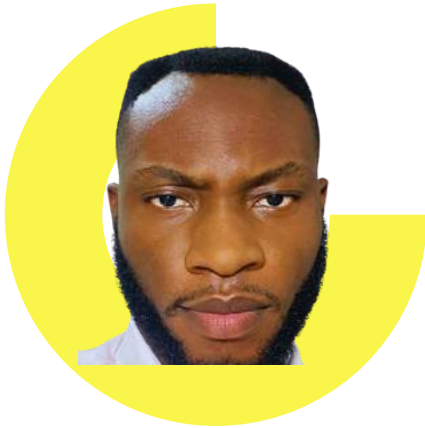


MOBOLAJI OLAJIDE

HUMAN RESOURCE MANAGER

Our Human Resource Manager is a seasoned professional with over 18 years of experience in HR management, with a focus on talent acquisition, employee development, and retention. With a commitment to creating a positive and inclusive work environment, our Human Resource Manager ensures that our team members have the support, resources, and opportunities they need to excel in their roles and contribute to the company's success.

MANAGEMENT PROFILE



KELECHI OKORIE

PROJECT MANAGER

Kelechi Okorie is a dynamic and results-oriented Project Manager at Cloud Energy Photoelectric Limited, specializing in renewable energy and e-mobility solutions. With a strong background in project planning, execution, and stakeholder coordination, he plays a pivotal role in driving the company's mission to expand clean energy access and sustainable mobility in Nigeria.



FELICIA ADENIYI

HEAD OF ACCOUNTS

Felicia Adeniyi is an accomplished financial professional with a wealth of experience in her role as the Head of Accounts. With a demonstrated track record of accuracy and attention to detail, Felicia effectively manages financial operations, reporting, and analysis. Her strategic insights and analytical acumen drive sound financial decision-making, ensuring the company's fiscal health. Felicia's dedication to optimizing financial processes and fostering cross-functional collaboration enhances the overall efficiency of the company.

GET IN TOUCH

Get in touch with Cloud Energy today and let us help you achieve your energy goals. Whether you are looking to reduce your energy costs, increase your energy efficiency, or switch to clean and renewable energy, our team of experts is here to help.



08025222500
08033077225



theo@cloudenergy.com.ng
info@cloudenergy.com.ng



www.cloudenergy.com.ng



191 Ikorodu Road, Opp Palm Groove Bus
Stop, Lagos, Nigeria

