MAXTECH ENERGY

a renewable energy project development company

SOLAR | WIND | CONCENTRATED SOLAR POWER | BIOFUEL | GREEN HYDROGEN

COMPANY PROFILE

Corporate Headquarters

3 Flat 2, Gaduwa Estate, Abuja

Branch Office

Prime Hub, Plot 686, Zoo Road, Kano

Mobile: 08032988932
Email: info@maxtechenergy.com
Website: www.maxtechenergy.com

Maxtech Energy is a renewable energy project development company. The company is actively operating in the following market segments:

COMMERCIAL

INDUSTRIAL

RURAL ELECTRIFICATION

The company has expertise in the following renewable energy technologies:

SOLAR ENERGY SYSTEM

WIND ENERGY SYSTEMS

CONCENTRATED SOLAR POWER (CSP) SYSTEM

BIOENERGY AND BIOFUEL

GREEN HYDROGEN

Our systems are built on the following technologies:

INTERNET OF THINGS (IoT)

ARTIFICIAL INTELLIGENCE (AI)

COMPANY GENERAL INFORMATION

Registered Name of Company:	Maxtech Energy LTD
Registration Number:	1704153
Date of Incorporation:	August 28, 2020
Legal Status	Private Limited Company (LTD)
Address:	3 Flat 2, Gaduwa, Abuja
Website:	www.maxtechenergy.com
E-mail:	info@maxtechenergy.com
Chief Executive Officer	Munir Aminu Husein +2348032988932 munir@maxtechenergy.com
Core Business Area	• Mini-grid and Microgrid • Commercial and Industrial (C&I) • Rural Electrification • Renewable Energy Project Development
Bankers	Fidelity Bank Zoo Road, Kano Kano State

CHAIRMAN/CEO MESSAGE

Maxtech Energy LTD is an ambitious company at the forefront of Nigeria's renewable energy revolution. As the demand for clean and reliable electricity continues to rise, we have positioned ourselves as a leader in delivering cutting-edge energy solutions that power **businesses, industries, and communities**. Our expertise spans **solar, wind, biomass, and emerging technologies like concentrated solar power (CSP) and green hydrogen**, making us one of the most innovative energy companies in the country. With a strong commitment to technology and innovation, we integrate **Artificial Intelligence (AI), Internet of Things (IoT), and data analytics** into our solutions, ensuring that our energy systems are not only effective but also intelligent and future-proof.

Our journey is defined by innovation. **We were the first company to deploy concentrated solar power (CSP) technology in Nigeria**, demonstrating our ability to lead and pioneer transformative energy solutions. We are also researching the feasibility of green hydrogen for a decentralized energy system. In addition, we have successfully developed mini-grids that provide clean and stable electricity to underserved communities, and our pipeline of over 50 upcoming mini-grid projects reflects our rapid expansion. Our clients, ranging from commercial and industrial enterprises to rural communities, trust us to provide clean energy solutions that reduce costs and enhance reliability.

What sets Maxtech Energy apart is our leadership and the caliber of our team. Our management team and Board of Directors are composed of highly qualified professionals, all holding **advanced degrees in their respective fields**. Furthermore, we invest in continuous learning, ensuring that our engineers, all COREN-certified, remain at the forefront of industry advancements. Our Chief Executive Officer has **17 years of experience in renewable energy**, having led successful projects not only in Nigeria but also in Palau, Bolivia, Chile, the Bahamas, Eritrea, and South Korea. Under his leadership, we have developed proprietary software for mini-grid design, reinforcing our reputation as a company driven by innovation.

The future of Maxtech Energy is one of growth. Our financial projections indicate rapid expansion over the next three years as we scale up mini-grid installations, expand our commercial and industrial projects, and the scaling of our research and development efforts. With a clear vision, a strong team, and a track record of excellence, Maxtech Energy is not just a renewable energy company—it is a force shaping the future of energy in Nigeria.

As you consider your energy needs and explore sustainability and cost savings opportunities, I invite you to partner with Maxtech Energy. Together, let us harness the power of renewable energy to build a brighter, cleaner, and more prosperous future for Nigeria and beyond.

Engr. Munir Aminu Husein, PhD, MNSE, COREN
Chairman/Chief Executive Officer
Maxtech Energy Limited

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CHAIRMAN/CEO PROFILE

With over 15 years of experience in industry and academia, Dr. Munir possesses a robust background in electrical engineering, renewable energy, and project management.

He earned a doctoral degree in Electronics Engineering from Kookmin University, South Korea, with a specialization in Renewable Energy. His research focuses on the design and optimization of renewable energy systems. His engineering academic journey started at Bayero University, Kano, and then a master's degree in Electric-Electronics from Yasar University in Izmir, Turkey.

He leads the firm in driving initiatives aiding commercial and industrial entities in transitioning towards clean and sustainable energy. Maxtech Energy has successfully executed several projects and provided consultancy services to numerous clients, offering expertise in feasibility studies, front-end engineering design, and facilitating access to project finance.

Moreover, Dr. Munir possesses profound expertise in engineering research, particularly in policy and regulatory frameworks governing renewable energy and energy access. His focus lies on the Commercial and Industrial (C&I) sectors and rural electrification. Notably, he is a consultant for many European Union projects, including a project on large-scale electrification planning for rural communities across Sub-Saharan Africa.

He has worked in South Korea with One Energy Island, a renewable energy project development company with interest in rural electrification the emerging markets. He leads various teams for site assessment and feasibility studies in Bolivia, Palau, the Bahamas, Eritrea, and Chile.

He has also developed MDSTool, a software solution for designing hybrid renewable energy systems. His contributions resulted in rich publications, comprising over two dozen articles in esteemed international and local journals, and presented in various industry and academic conferences, both domestic and international.

He is a licensed Electrical Engineer by the Council for the Regulation of Engineering in Nigeria (COREN) and the Nigerian Electricity Management Agency (NEMSA). He holds memberships in professional organizations including the Nigerian Society of Engineers (NSE), Nigerian Institute of Management (NIM), Korea Institute of Electrical Engineers (KIEE), and Institute of Electrical and Electronics Engineers (IEEE).

ABOUT MAXTECH ENERGY

ABOUT US

Maxtech Energy Limited is a renewable energy project development company specializing in solar mini-grids, battery storage systems, and commercial & industrial (C&I) solar solutions. Established in August 2020, we are committed to expanding clean energy access in Nigeria, particularly in rural and underserved communities. We are integrating advanced technologies like the Internet of Things (IoT), Artificial Intelligence (AI), and data analytics with renewable energy solutions. This unique approach enables us to deliver intelligent and optimized systems.

MISSION

Our mission is clear: to revolutionize Nigeria's energy landscape by providing innovative, sustainable, and cost-effective renewable energy solutions. We are committed to empowering businesses to reduce energy costs, enhance operational efficiency, and achieve their sustainability goals through the deployment of cutting-edge solar technologies.

VISION

To become a leading renewable energy project developer in Africa, delivering reliable, affordable, and sustainable energy solutions that empower communities and businesses.

CORE VALUES

At Maxtech Energy, we are guided by a set of core values that underpin everything we do:

- *Excellence*: We are committed to delivering exceptional quality and service.
- *Innovation*: We embrace creativity to drive continuous improvement.
- *Sustainability*: We strive to create a greener, more sustainable future.
- *Integrity*: We uphold the highest standards of ethics and transparency in all we do.

OUR SPECIALIZATION

- Mini-Grid and Microgrid
- Commercial & Industrial (C&I) Solar Installations
- Rural Electrification & Energy Access

OUR CORE STRENGTHS

✓ *Proven Track Record* – Successfully developed 4 operational mini-grids and conducted feasibility studies for 50+ rural communities.

✓ *Technical Expertise* – Our team consists of highly skilled engineers, project managers, and renewable energy specialists.

✓ *Strong Partnerships* – We collaborate with government agencies, international donors, and private investors to drive energy access.

✓ *Data-Driven Approach* – We utilize advanced analytics, AI, and IoT for energy efficiency and grid optimization.

WHY CHOOSE MAXTECH ENERGY?

- *Expertise*: Our team brings a wealth of knowledge and experience to every project, ensuring superior results and client satisfaction.
- *Quality*: We use only the highest quality equipment and state-of-the-art technology to deliver solutions that are reliable, efficient, and durable.
- *Cost-Effectiveness*: Our solutions are designed to deliver maximum return on investment, helping clients save money on energy costs over the long term.
- *Technology*: integrating advanced technologies like Internet of Things (IoT), Artificial Intelligence (AI), data analytics, and blockchain with renewable energy solutions.

WHAT WE DO

PROJECT DEVELOPMENT

As project developers, our work is to perform a comprehensive feasibility study, look for low-cost financing, and build the system. The outcome of a project is directly influenced by the quality of the project definition. Our approach begins with conceptual design and feasibility studies, which allow the progressive definition of a project to develop business cases and further define the scope of the project. Successful definition at these stages is crucial to enhancing the predictability of project lifecycle costs.

Working collaboratively with our partners, MaxTech Energy applies past experience, lessons learned and the latest developments to ensure a well-defined and economically viable project. Close interaction between owners, financiers, and MaxTech Energy ensures a successful project concept definition leading to fewer design changes in later stages.

MARKET SEGMENTS

Commercial Projects

Maxtech Energy specializes in designing and implementing renewable energy solutions for commercial establishments such as office buildings, shopping centers, and hospitality facilities. Our tailored approach considers energy consumption patterns, budget constraints, and sustainability goals to deliver optimal results.

Industrial Projects

With a focus on enhancing operational efficiency and reducing carbon footprint, Maxtech Energy collaborates with industrial clients to integrate renewable energy systems into their manufacturing processes, production facilities, and supply chains.

Rural Electrification

Recognizing the importance of energy access in rural areas, Maxtech Energy is dedicated to providing off-grid and mini-grid solutions to underserved communities. Through partnerships with local stakeholders and governments, we bring sustainable electricity to remote regions, driving socio-economic development and improving quality of life.

COMPANY LEADERSHIP

MANAGEMENT TEAM

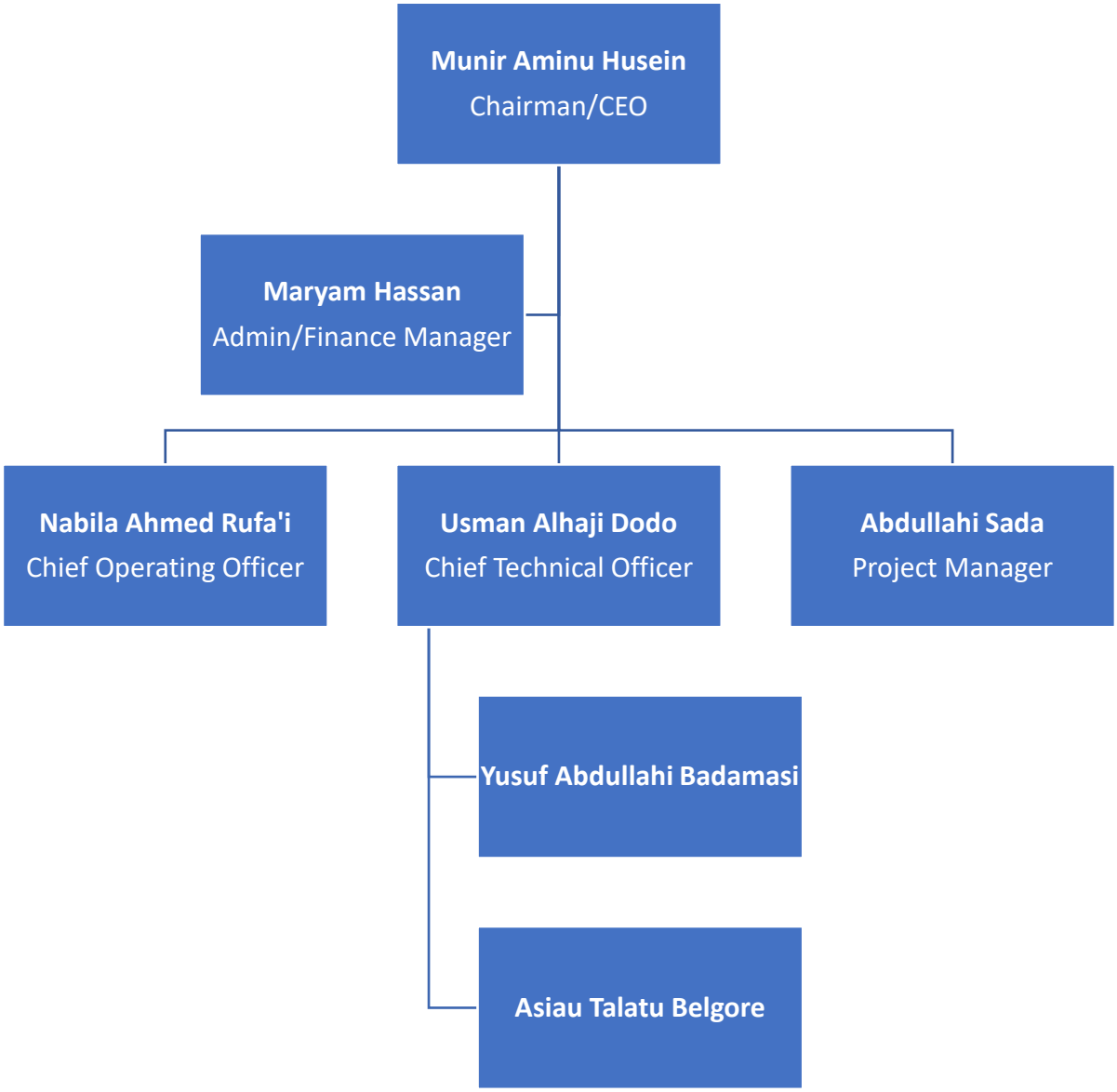
S/N	Name	Designation	Qualification
1.	Engr. Dr. Munir Aminu Husein	Chairman/CEO	Ph.D. Electrical Engineering and Renewable Energy Kookmin University, South Korea
2.	Engr. Dr. Nabila Ahmed Rufa'i	Chief Operating Officer	Ph.D. Electronic & Electrical Engineering University of Leeds, UK
3.	Maryam Hassan	Executive Director, Admin/Finance	M.Sc. International Business Salford University, UK
4.	Engr. Dr. Usman Alhaji Dodo	Chief Technical Officer	Ph.D. Electrical and Electronic & Electrical Engineering University of Abuja
5.	Engr. Abdullahi Sada	Executive Director, Project Management	M.Sc. Renewable Energy Engineering Cranfield University, UK
6.	Engr. Asia Talatu Belgore	Senior Power Engineer	M.Tech ▪ Power Systems [with Distinction] Uka Trasadia University, C.G.P.I.T, Surat, India
7.	Engr. Yusuf Abdullahi Badamasi	Senior Electrical Engineer	Masters of Engineering (M.Eng) in Electrical Power Systems (Merit), 2016, Nile University of Nigeria (NUN), Abuja, Nigeria

BOARD OF DIRECTORS

S/N	Name	Qualification
1.	Munir Aminu Husein	Ph.D. Electrical Engineering and Renewable Energy Kookmin University, South Korea
2.	Abdullahi Yusuf Badamasi	M.Eng. Electrical and Electronics Engineering Nile University, Abuja
3.	Habibu Hussain	Ph.D. Electrical & Electronics Engineering, Izmir, Turkey
4.	Nabila Ahmed Rufai	Ph.D. Electronic & Electrical Engineering University of Leeds, UK

COMPANY ORGANOGRAM

At Maxtech Energy, we are proud to have a dynamic team of professionals with diverse backgrounds in engineering, research, and renewable energy. Led by our CEO, who holds a Ph.D. in electrical engineering and renewable energy, our team combines technical expertise with a passion for sustainability to drive innovation and excellence in everything we do.



MANAGEMENT PROFILE

Munir Aminu Husein, PhD || Chairman/CEO

With over 15 years of experience in industry and academia, Dr. Munir possesses a robust background in electrical engineering, renewable energy, and project development.He earned a doctoral degree in Electronics Engineering from Kookmin University, South Korea, with a specialization in Renewable Energy. His research focuses on the design and optimization of renewable energy systems. His engineering academic journey started at Bayero University, Kano, and then a master's degree in Electric-Electronics from Yasar University in Izmir, Turkey.

Presently, he is the Chairman/CEO of Maxtech Energy, a reputable renewable energy project development and consultancy firm based in Abuja. He leads the firm in driving initiatives aiding commercial and industrial entities in transitioning towards clean and sustainable energy. Maxtech Energy has successfully executed several projects and provided consultancy services to numerous clients, offering expertise in feasibility studies, front-end engineering design, and facilitating access to project finance.

Moreover, Dr. Munir possesses profound expertise in engineering research, particularly in policy and regulatory frameworks governing renewable energy and energy access. His focus lies on the Commercial and Industrial (C&I) sectors and rural electrification. Notably, he is a consultant for many European Union projects, including a project on large-scale electrification planning for rural communities across Sub-Saharan Africa. He has also developed MDSTool, a software solution for designing hybrid renewable energy systems. His contributions resulted in rich publications, comprising over two dozen articles in esteemed international and local journals, and attending various academic conferences, both domestic and international.

He is a licensed Electrical Engineer by the Council for the Regulation of Engineering in Nigeria (COREN) and the Nigerian Electricity Management Agency (NEMSA). He holds memberships in prestigious organizations including the Nigerian Society of Engineers (NSE), Nigerian Institute of Management (NIM), Korea Institute of Electrical Engineers (KIEE), and Institute of Electrical and Electronics Engineers (IEEE).

Nabila Ahmed Rufai, PhD || Chief Operating Officer

Nabila Ahmed Rufa'I is a Sustainable Energy Engineer with a strong background in project development and analysis aimed at reducing energy costs and enhancing energy efficiency. With extensive experience in research, technical documentation, and project implementation, Nabila excels in analyzing energy systems, identifying deficiencies, and providing effective solutions. Her expertise spans across renewable energy technologies, carbon footprint calculations, and the preparation of technical reports for diverse audiences. Nabila's commitment to sustainable development is evident through their involvement in academia, consultancy, and research, where they actively contribute to addressing energy challenges and promoting low-carbon solutions. With excellent communication skills and a keen ability to adapt to diverse environments, Nabila is poised to make significant contributions to the field of sustainable energy.

Usman Alhaji Dodo, PhD || Chief Technical Officer

Usman Alhaji Dodo is a highly accomplished professional in the field of Electrical Engineering, boasting a wealth of academic achievements and practical experience. With a Ph.D. in Electrical and Electronic Engineering from the University of Abuja, and a solid educational background including a B.Eng. from Bayero University, Kano, Dr. Dodo brings a diverse skill set to his roles.

He has also demonstrated his commitment to research and publication, with numerous articles published in reputable journals and presentations at international conferences. Overall, Dr. Dodo's extensive academic background, practical experience, and dedication to research and education make him a highly respected figure in the field of Electrical Engineering.

Engr. Abdullahi Sada || Project Manager

Abdullahi Yusuf Sada is a dedicated researcher with a strong focus on renewable energy and machine learning applications. His passion for sustainable development and renewable energy solutions is evident from his key achievements, including certification in renewable energy installation and participation in projects like the Nigeria SE4ALL Project Development Course. In his current role as a Chief Technical Officer of Maxtech, Abdullahi oversees large-scale projects involving solar PV installations and LAN upgrades for government agencies, showcasing his expertise in project management and renewable energy implementation.

Abdullahi's diverse career history, which includes roles in academia, consultancy, and energy companies, reflects his versatility and adaptability in different professional settings. His proficiency in tools like MATLAB, Python, and AutoCAD, coupled with his strong communication skills, makes him a valuable asset for our company.

Maryam Hassan || Admin and Finance Manager

Maryam Mohammed Hassan is a highly skilled professional with two business degrees and a decade of extensive experience in operations, budgeting, planning, and development partner coordination. Currently serving as Admin/Finance Manager, Maryam excels in coordinating collaborative partnerships and agreements with various client. Her expertise lies in facilitating the development and implementation of collaborative initiatives, serving as a primary point of contact for clients, and providing administrative support for collaboration. With a strong background in budget planning and management, administrative coordination, and policy development, Maryam is well-equipped to contribute effectively to our organizational goals.

She holds certifications in Project Management Professional and Introduction to System Dynamics, underscoring her commitment to professional excellence. Maryam has also demonstrated her leadership and project management skills through her involvement in various professional achievements and projects, including the development of a comprehensive 10-year development plan for Gombe State and her contributions to UNFPA-funded projects and partnerships with organizations such as UNIDO and USAID.

OUR PARTNERS

We believe in the power of collaboration and strategic partnerships to achieve our goals. Maxtech Energy actively collaborates with government agencies, industry stakeholders, research institutions, and international organizations to foster knowledge exchange, innovation, and the widespread adoption of renewable energy solutions.

INDUSTRY PARTNERS

- Enerwhere Sustainable Energy
- HUAWEI
- JINKO Solar
- Nocaco
- Felicity Solar
- Nayo Tropical Technologies

BUSINESS ASSOCIATION PARTNERS

- Alliance for Rural Electrification
- Renewable Energy Association of Nigeria
- Africa Minigrid Developer's Association

PROJECT INVESTORS

- Empower New Energies
- Access Bank
- Chapel Hill
- Sterling Bank

RESEARCH PARTNERS

- Power System and Smart Grid Center, Kookmin University, South Korea
- Center for Renewable Energy Research, Bayero University, Kano
- Center for Clean Energy & Climate Change, Baze University, Abuja

COMPANY AUDITORS

- O. U. Kalu & Co.
  Chartered Accountants
  Suite 0.03 Oyibo Odinamadu Block
  Opposite Central Bank of Nigeria
  Central Business District, Abuja

COMPANY BANKERS

- Fidelity Bank
  Zoo Road Branch, Kano
  Kano State

- Zenith Bank
  Adetokumbo Ademola Branch
  Wuse 2, Abuja

EQUIPMENT AND FACILITIES

TOOLS AND EQUIPMENT

S/N	Tool Description	Quantity
1.	**Drill/Driver**: Used for drilling holes and driving screws for mounting solar panels, inverters, and other components.	3
2.	**Crew drivers (Phillips and Flathead)**: Essential for tightening screws and connectors throughout the installation process.	10
3.	**Adjustable Wrenches**: Used for tightening nuts and bolts on mounting hardware, conduit fittings, and electrical connections.	3
4.	**Socket Set**: Useful for tightening nuts and bolts of various sizes on mounting hardware, racking systems, and other components	3
5.	**Wire Strippers/Cutters**: Necessary for stripping insulation from wires and cutting cables to the required length	3
6.	**Crimping Tool:** Used for crimping wire connectors onto cables, ensuring secure electrical connections	4
7.	**Torque Wrench:** Required for tightening bolts to specific torque settings, especially critical for mounting solar panels securely	4
8.	**Pliers (Needle-nose and Lineman's)**: Handy for gripping, bending, and twisting wires, as well as holding nuts and bolts in tight spaces	5
9.	**Level**: Essential for ensuring the proper alignment and orientation of solar panels during installation.	2
10.	**Measuring Tape**: Used for measuring distances, ensuring accurate placement of components, and mounting hardware	5
11.	**Ladder**: Necessary for accessing rooftops and elevated areas where solar panels and other components are installed.	4
12.	**Safety Harness and Anchors**: Critical for working safely at heights, providing fall protection when working on rooftops or elevated structures	4
13.	**Safety Glasses and Gloves**: Personal protective equipment (PPE) to protect against eye injuries and hand injuries from sharp objects and electrical hazards.	5
14.	**Caulking Gun and Sealant**: Used for applying sealant around roof penetrations and mounting brackets to prevent water leaks	2
15.	**Conduit Bender**: Required for bending conduit to the necessary angles and shapes for routing electrical wiring safely.	3
16.	**Fish Tape**: Useful for pulling electrical wires through conduit or tight spaces within the installation site	4
17.	**Multimeter**: Essential for testing voltage, current, and continuity of electrical circuits, ensuring proper wiring connections and system functionality.	3
18.	**Label Maker/Permanent Marker**: Used for labeling wires, components, and breaker panels for easy identification during installation and maintenance.	1

19.	**First Aid Kit**: Essential for addressing minor injuries or accidents that may occur during the installation process.	1
20.	**Hammer**: Used for driving nails or securing fasteners in certain mounting applications	5
21.	**Hole Saw Kit**: Required for drilling large diameter holes in surfaces such as roofs for conduit penetration or mounting hardware	4
22.	**Wire Connectors (Wire Nuts)**: Essential for securely connecting wires together, ensuring proper electrical connections.	2
23.	**Wire Management Clips or Straps**: Used for securing and organizing cables and wires to prevent tangling or damage	2
24.	**Utility Knife**: Handy for cutting insulation, opening packaging, and performing various cutting tasks during installation.	3
25.	**Cable Ties (Zip Ties)**: Used for bundling and securing cables and wires together, keeping them neat and organized.	1
26.	**Stud Finder**: Helps locate wall studs or support beams behind walls or other surfaces for securely mounting equipment	1
27.	**Heat Gun**: Useful for shrinking heat shrink tubing to provide electrical insulation or for drying surfaces before applying sealant	1
28.	**Insulation Resistance Tester (Megohmmeter)**: Used for testing the insulation resistance of electrical cables and components, ensuring electrical safety.	1
29.	**Circuit Breaker Finder**: Helps locate specific circuit breakers in electrical panels, facilitating safe electrical work during installation	1
30.	**Solar Pathfinder**: A tool used for site assessment, determining shading patterns, and optimizing solar panel placement for maximum sunlight exposure	1
31.	**Solar Irradiance Meter**: Measures solar irradiance levels, providing data for assessing the solar potential of a site and optimizing panel placement	1
32.	**Voltage Tester (Non-Contact)**: Used for quickly and safely testing for the presence of voltage in electrical circuits before performing maintenance or repairs.	1
33.	**Cable Conduit Cutter**: Specifically designed for cutting conduit cleanly and accurately to the desired length, ensuring proper cable management.	2

SOFTWARE

S/N	Software description	License/Free
1.	HOMER	License
2.	Hlioscope	License
3.	SAM	Free
4.	AutoCAD	License
5.	Various solar radiation database	Free

OFFICE FACILITIES

S/N	Facility description	Quantity
1.	Workstations	5
2.	Printer/scanner/photocopier	2
3.	IT infrastructure	1
4.	Conference facilities	Set
5.	Meeting rooms	1
6.	Store	1
7.	Furniture	Set
8.	CCTV	6
9.	Show room	1
10.	Lab	1
11.	Library	1

OPERATION VEHICLES

S/N	Vehicle description	Quantity
1.	Utility truck (lease)	1
2.	Cargo van (lease)	1
3.	Fleet vehicles	4
4.	Motorcycles	2

Note: See the attached Equipment Lease Agreement for the complete list of leased equipment.

OUR SELECTED EXPERIENCE

SELECTED PROJECTS

- **Project name:** Design, installation, and commissioning of 50 kW solar PV at the Accident & Emergency Ward of Aminu Kano Teaching Hospital (AKTH)
  Client: Jaiz Bank

- **Project name:** Design, installation, and commissioning of 50 kW solar PV at the Labor Ward of Aminu Kano Teaching Hospital (AKTH)
  Client: Jaiz Bank

- **Project name:** Design, installation, and commissioning of 200 kW solar PV for the cold room of Kano Pharmaceutical Partners Limited at Kano Economic City
  Client: Trust Synergy Infrastructure

- **Project name:** Design and installation of solar and battery systems for over 50 residential clients in Kano and Abuja
  Client: Various clients

- **Project name:** H2020 Optimized design of off-grid photovoltaic and battery mini-grid system in Sub-Saharan Africa
  Client: European Commission Joint Research Center, Ispra, Italy
  Project duration: 2 years (January 2020 – December 2022)
  Brief description of the assignment: This project develops an optimal geospatial-based large-scale electrification planning model for Sub-Saharan Africa.

- **Project name:** Feasibility Study and Front-end Engineering of 15MW hybrid solar PV power plant at Kano Economic City, Kano
  Client: Trust Synergy Infrastructure
  Project duration: 18 months (January 2021 – June 2022)
  Brief description of the assignment: This assignment develops a technical and financial feasibility study of providing electricity to a large economic hub using a solar hybrid system.

- **Project name:** Feasibility Study of 100MW solar PV farm in Jigawa State
  Client: Trust Synergy Infrastructure
  Project duration: 2 months (May 2021 – July 2021)
  Brief description of the assignment: This assignment develops a technical and financial feasibility study of a 100 MW solar farm in Jigawa State.
- **Project name:** Feasibility study of 4.5-MW biomass power plant using rice husks for Northwest Industry, Kano
  Client: Northwest Industries, Kano
  Project duration: 6 months (November 2021 – April 2022)

Brief description of the assignment: This project conducts technical and financial feasibility of using risk husk gasification technology to provide a captive power solution to a rice mill factory.

- **Project name:** Feasibility study of a 200 kW renewable energy campus microgrid for Aminu Dabo College of Health Sciences
  Client: Trust Synergy Infrastructure Limited
  Project duration: 3 months (March 2022 – June 2022)
  Brief description of the assignment: This project conducts technical and financial feasibility for deploying a hybrid solar microgrid to the college campus.

- **Project name:** Feasibility study of a 42-kW renewable energy campus microgrid for Aminu Dabo College of Nursing and Midwifery
  Client: Aminu Dabo College of Nursing and Midwifery
  Project duration: 3 months (January 2022 – April 2022)
  Brief description of the assignment: This project conducts technical and financial feasibility for deploying a hybrid solar microgrid to the college campus.

- **Project name:** Design of 1-MW PV and 500-kW biomass gasification power plant for MAFA Rice
  Client: Trust Synergy Limited
  Project duration: 1 year (August 2021 – July 2022)
  Brief description of the assignment: This project designs a hybrid solar and biogas mini-grid for a rice mill factory.

- **Project name** Design of a grid-connected Mini-grid for Shell Quarters, Port Harcourt
  Client: Auxano Solar
  Project duration: 3 months (September 2022 – December 2022)
  Brief description of the assignment: This assignment conducts a feasibility study of deploying solar and lithium-ion battery storage for a Shell residential estate in Port Harcourt.

- **Project name** Design of a solar system at the office IBG of Kano and Kaduna Office
  Client: IBG Construction Limited
  Project duration: 3 months (September 2022 – December 2022)
  Brief description of the assignment: This assignment conducts a feasibility study of deploying solar and lithium-ion battery storage for IBG Construction Limited at their Kano and Kaduna offices.

AWARD LETTERS AND JOB COMPLETION CERTIFICATES

MLSUN GROUP CO., LTD.

MLSUN CSP

Phone/WhatsApp: +8617720159556

30th October, 2024
CA135/HQ/1965

The Chief Executive Officer
Maxtech Energy LTD
3 Flat 2, Gaduwa
Abuja, Nigeria

AWARD OF CONTRACT FOR THE DEVELOPMENT OF CONCENTRATED SOLAR POWER (CSP) DEMONSTRATION PROJECT IN NIGERIA

Dear Mr. Husein,

MLSUN Group extends its sincere appreciation for your company's submission regarding the above-mentioned project. After a comprehensive evaluation, we are pleased to formally award **Maxtech Energy LTD** the contract for the **Development of a Concentrated Solar Power (CSP) Demonstration Project in Nigeria**.

The total contract value is **USD 382,154 (Three Hundred and Eighty-Two Thousand, One Hundred and Fifty-Four Dollars)**, inclusive of all applicable taxes. We trust that Maxtech Energy will execute this project with professionalism and in alignment with our shared commitment to renewable energy development.

To proceed, kindly confirm your acceptance of this contract within seven (7) days from the date of this letter. Failure to provide confirmation within this period will be regarded as a forfeiture of the contract.

We look forward to a successful collaboration.

Signed: Athena

Name: **Athena Lee**
Title: Director, International Business Division

Dated on the 30th day of October 2025

MLSUN GROUP CO., LTD.

Authorized Signature

ADDRESS: BUILDING 6, YUANYIN ROAD, NANKAI DISTRICT, TIANJIN, CHINA
Email: info@mlsun.com Website: mlsun-csp.en.made-in-china.com

PROTERGIA
CLEAN ENERGY SOLUTIONS

Email: protergiaenergy@protonmail.com
Telephone: 08160651640,
Address: Shop 16, Alarape shopping Complex,
Ala Elefosan, Ondo State

23rd January 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Dear Sir,

OFFER LETTER
APPOINTMENT AS A SUBCONTRACTOR FOR THE ALA-ELEFOSAN INDEPENDENT POWER PROJECT 50 kWp/60KW MINIGRID, ONDO

I am directed to refer to your Expression of Interest in respect to the above project and to convey approval of the board of the company.

Scope of Work:
Installation Works on the 50kWp/60kW Hybrid minigrid for the Ala-Elefosan Community in Idanre Local Government Area, Ondo State.

Contract Amount:
N525,300,321.45 (Five Hundred and Twenty-Five Million, Three Hundred Thousand, Three Hundred and Twenty-One Naira Forty-Five Kobo) only.

Completion Time:
The work shall be completed within Four (4) Months from the contract effectiveness/ commencement date.

You are to acknowledge this in writing to us immediately to enable us to process this further.

Congratulations.

For: **PROTERGIA CLEAN ENERGY SOLUTIONS**

Ayodedeji O'Deji
Chief Executive Officer

PROTERGIA
CLEAN ENERGY SOLUTIONS

Email: protergiaenergy@protonmail.com
Telephone: 08160651640,
Address: Shop 16, Alarape shopping Complex,
Ala Elefosan, Ondo State

14th June 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Dear Sir,

COMPLETION CERTIFICATE
RE: APPOINTMENT AS A SUBCONTRACTOR FOR THE ALA-ELEFOSAN INDEPENDENT POWER PROJECT 50kWp/60KW MINIGRID, ONDO

This certified that the contract awarded to Maxtech Energy Limited for the Installation Works on the 50kWp/60kW Hybrid minigrid for the Ala-Elefosan Community in Idanre Local Government Area, Ondo State has been successfully completed in accordance with the contract agreement.

Scope of Work:
Installation Works on the 50kWp/60kW Hybrid minigrid for the Ala-Elefosan Community in Idanre Local Government Area, Ondo State.

Contract Price:
N525,300,321.45 (Five Hundred and Twenty-Five Million, Three Hundred Thousand, Three Hundred and Twenty-One Naira Forty-Five Kobo) only.

The project was carried out without a prejudice of the contract agreement

Yours faithfully,

For: **PROTERGIA CLEAN ENERGY SOLUTIONS**

Ayodedeji O'Deji
Chief Executive Officer

PROTERGIA
CLEAN ENERGY SOLUTIONS

Email: protergiaenergy@protonmail.com
Telephone: 08160651640,
Address: Shop 16, Alarape shopping Complex,
Ala Elefosan, Ondo State

23rd January 2022

To whom It May concern,

Dear Sir/Madam,

Letter of Comfort and Commendation for Maxtech Energy Limited Appointment as Subcontractor for Ala-Elefosan Independent Power Project (50kWp/60kW Minigrid, Ondo

We are pleased to provide this letter of comfort and commendation in support of **Maxtech Energy Limited's** appointment as a subcontractor for the Ala-Elefosan Independent Power Project (IPP), a 50kWp/60kW minigrid located in Ondo State. This project is a critical initiative aimed at delivering reliable, clean energy to the Ala-Elefosan community, and we are confident that **Maxtech Energy Limited** possesses the necessary expertise and commitment to successfully execute their role within this endeavor.

Having reviewed **Maxtech Energy Limited** track record, they have consistently demonstrated the skill, resourcefulness, and professionalism essential for projects of this nature and scale. We are confident that their involvement greatly contributed to achieving the project's objectives.

Maxtech Energy Limited focused on installations aspect ensuring that all work aligns with both regulatory standards and our shared commitment to operational efficiency, sustainability, and safety. Their scope of work was instrumental in delivering a resilient and sustainable power supply to the Ala-Elefosan community.

This letter serves as a testament to our support for **Maxtech Energy Limited** in this endeavor and our confidence in their ability to meet or exceed all project requirements.

Thank you.

Ayodedeji O'Deji
Chief Executive Officer

INUS GLOBAL LINKS LIMITED

HEAD OFFICE: Km 1, Farawa Quarters, Maiduguri Road, Kumbotso LGA, Kano. RC 830856
Tel: 08088001193, 07037578219 **Email**: inuwa_uba@yahoo.com

Our Ref: INUS/C21/09
August 24, 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Award of Contract for 50kWp and 60kWh battery

Dear Sir,

I am delighted to extend this letter to award Maxtech Energy Limited the contract to design, install, and commission 50kWp and 60kWh lithium battery.

We believe that Maxtech Energy's expertise in renewable energy solutions and microgrid design will play a crucial role in providing sustainable and reliable power supply to our office complex.

Please review the attached contract documents, which outline the terms and conditions of the contract. Kindly sign and return the contract at your earliest convenience.

Congratulations, and we anticipate a successful partnership ahead.

Sincerely

INUWA UBA
MANAGING DIRECTOR

INUS GLOBAL LINKS LIMITED
HEAD OFFICE: Km 1, Farawa Quarters, Maishiguri Road, Kumbotso LGA, Kano. RC 83886
Tel: 08088001193, 07037378219 Email: inuwa_uba@yahoo.com

Our Ref: INUS/C21/09
September 29, 2021

Award of Contract for 50kWp and 60kWh battery

JOB COMPLETION CERTIFICATE

CONTRACTOR: Maxtech Energy Limited

DATE OF AWARD: August 24, 2021

COMPLETION DATE: September19, 2022

CEO'S COMMENT: I have inspected the project and found it satisfactory and in accordance with the Contract Terms of Reference

Sincerely

INUWA UBA
MANAGING DIRECTOR

RC 1458042
THAMES & HUDSON ARCHITECTS LTD.
ARCON REG: AFR/1321
*ARCHITECTS * ENGINEERS * PLANNERS

Our Ref: THL/2314/011
May 25, 2023

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Award of Contract for 30 kWp Solar System in 3 of Our Offices in Abuja, Kaduna, and Kano

I am pleased to award your firm, Maxtech Energy Limited, a contract to design and install 30 kWp solar system in our offices in Abuja, Kaduna, and Kano.

The scope of the contract includes:

1. Design of the solar systems.
2. Installations and commissioning
3. One year maintenance

Please refer to the contract documents, it outline the terms and conditions of the contract.

Congratulations.

Yours faithfully,

Ibrahim Baba Gimba
Director

Suite A21, Ummi Plaza, Behind Jiffatu Mall, off Zaria Road, Kano. Nigeria
DIRECTORS- Arc. Ibrahim Gimba: 07037578219. Arc. Ibrahim Muazu: 08065539360
Arc Khayrulden Abubakar : 08038491618 Baba A.G Aliyu : 07035987669
Email:ThamesandHudsonGMB@gmail.com

RC 1458042
THAMES & HUDSON ARCHITECTS LTD.
ARCON REG: AFRV1321
*ARCHITECTS *ENGINEERS *PLANNERS

Our Ref: THL/2314/011
July 10, 2023

Re: Award of Contract for 30 kWp Solar System in 3 of Our Offices in Abuja, Kaduna, and Kano

JOB COMPLETION CERTIFICATE

CONTRACTOR: *Maxtech Energy Limited*

DATE OF AWARD: *May 25, 2023*

CONTRACT SUM: ***N44,872,100.00***

COMPLETION DATE: *June 27, 2023*

CEO'S COMMENT: *I have inspected the Contact Deliverables and found it satisfactory.*

Yours faithfully,

Ibrahim Baba Gimba
Director

Suite A21, Ummi Plaza, Behind Jiffatu Mall, off Zaria Road, Kano. Nigeria
DIRECTORS- Arc. Ibrahim Gimba: 07037578219. Arc. Ibrahim Muazu: 08065539360
Arc Khayrulden Abubakar : 08038491618 Baba A.G Aliyu : 07035987669
Email:ThamesandHudsonGMB@gmail.com

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C22/07
Tuesday, July 5, 2022

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Dear CEO,

Contract Award: Design, Construction, Commissioning, and Operation and Maintenance of 120 kWp/200 kWh Minigrid at Kano Economic City

Following our recent tender process, we are pleased to inform you that Maxtech Energy Limited has been awarded the contract for the above-named project. This decision was made based on your innovative system and competitive pricing.

Contract Details:

- **Total Contract Sum: 522,217,142.75 Naira**
- **Scope of Work:** Design, Construction, Commissioning, Opeartion and Maintenance of 120 kWp/200kWh Minigrid
- **Project Location:** Kano Economic City, Dan Gwauro Village, Kano State
- **Project Duration:** 4 months

Please confirm your acceptance of this contract by signing and returning a copy of this letter within seven (7) days of receipt. Upon receipt of your acceptance, a formal contract agreement will be drafted for signing by both parties.

Congratulations!

Best regards,

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C22/07

Thursday, October 20, 2022

Re: Contract Award: Design, Construction, Commissioning, and Operation and Maintenance of 120 kWp/200 kWh Minigrid at Kano Economic City

JOB COMPLETION CERTIFICATE

CONTRACTOR:	*Maxtech Energy Limited*
DATE OF AWARD:	*July 5, 2022*
CONTRACT SUM:	***522,217,142.75 Naira***
COMPLETION DATE:	*October 3, 2022*
CEO'S COMMENT:	*I have inspected the project and found it satisfactory and in accordance with the Contract Agreement*

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Monday, November 4, 2024

To whom it may concern,

Letter of Comfort and Commendation for Maxtech Energy Limited for Constructing and Operating 120 kWp/200kWh Minigrid at Kano Economic City

This letter serves as a formal commendation for Maxtech Energy Limited, who has been appointed as the contractor for the design, construction, commissioning, operation, and maintenance of the Kano Economic City (KEC) Minigrid (120 kWp/200 kWh). This initiative has been vital in providing reliable and clean energy to over 100 shops in the KEC Pharmaceutical Section.

After two years of uninterrupted service, we are pleased with Maxtech Energy's professional approach and consistent delivery of dependable power. Their commitment to regulatory compliance, operational efficiency, and sustainability has been integral to the project's success.

We fully endorse Maxtech Energy Limited and have every confidence in their continued excellence in this role.

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C22/07
Tuesday, July 5, 2022

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Dear CEO,

Construction and installation of 100Nos solar streetlights

Following our recent tender process, we are pleased to inform you that Maxtech Energy Limited has been awarded the contract for the construction and installation of 100 solar streetlights at Kano Economic City. This decision was made based on your comprehensive proposal and competitive pricing.

Contract Details:

- **Project Title:** Construction and installation of 100Nos solar streetlights
- **Total Contract Sum:** 41,215,000 Naira
- **Scope of Work:** Supply, construction, and installation of 100 solar streetlights, including all necessary components and labor
- **Project Location:** Kano Economic City, Kano State
- **Project Duration:** 3 months

Please confirm your acceptance of this contract by signing and returning a copy of this letter within seven (7) days of receipt. Upon receipt of your acceptance, a formal contract agreement will be drafted for signing by both parties.

Congratulations!

Best regards,

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C22/07

Thursday, October 20, 2022

Construction and installation of 100Nos solar streetlights

JOB COMPLETION CERTIFICATE

CONTRACTOR:	*Maxtech Energy Limited*
DATE OF AWARD:	*July 5, 2022*
CONTRACT SUM:	***N41,215,000.00***
COMPLETION DATE:	*October 3, 2022*
CEO'S COMMENT:	*I have inspected the project and found it satisfactory and in accordance with the Contract Agreement*

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/02
Monday, January 11, 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Award of Consultancy Service Contract for Feasibility Study of 15 MW Solar Plant at Kano Economic City Market (KEC), Kano

Dear Sir,

I am delighted to extend this letter to formally award Maxtech Energy Limited the consultancy service contract for conducting the feasibility study of the 15 MW Solar Plant at Kano Economic City Market (KEC). After careful consideration of various proposals, we are confident that Maxtech Energy possesses the expertise and capabilities required to deliver results for this project.
The scope of the consultancy service includes:

1. Energy Consumption Estimate: Maxtech Energy will conduct a comprehensive analysis to estimate the energy consumption of the KEC market.
2. Solar Plant Design: Maxtech Energy will design the solar plant, considering the energy consumption estimate and specific requirements of the KEC market.
3. Roof Integrity Study: Maxtech Energy will assess the integrity of the roofs at KEC to ensure they can support the installation of the solar panels safely.
4. Drafting EPC Contract: Maxtech Energy will draft the Engineering, Procurement, and Construction (EPC) contract, outlining the terms and conditions for the contract.
5. Evaluation of EPC Contractors: Maxtech Energy will evaluate potential EPC contractors based on their qualifications, experience, and suitability for the project.
6. Drafting Power Purchase Agreement (PPA): Maxtech Energy will draft the Power Purchase Agreement (PPA) to establish the terms of the electricity sale between TSIL and the KEC market.
7. Advisory Services: Maxtech Energy will provide any necessary advice and guidance during the project development phase to ensure its successful implementation.

The total contract sum is **thirty-six million six hundred and fifty thousand Naira only N36,650,000.** We believe that Maxtech Energy's expertise and dedication will be invaluable in guiding us through the feasibility study process and laying the foundation for the successful implementation of the solar plant at KEC.

Please review the attached contract documents, which outline the terms and conditions of our agreement. Kindly sign and return the contract within 1 week of receiving this letter.
We look forward to working with you.

Best regards,

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/02

Tuesday, August 9, 2022

Feasibility Study of 15 MW Solar Plant at Kano Economic City Market (KEC)

JOB COMPLETION CERTIFICATE

CONTRACTOR:	*Maxtech Energy Limited*
DATE OF AWARD:	*January 11, 2021*
CONTRACT SUM:	***N36,650,000.00***
COMPLETION DATE:	*July 2, 2022*
CEO'S COMMENT:	*I have inspected the Contact Deliverables and found it satisfactory and in accordance with the Contract Terms of Reference*

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

RC: 649733
NIGCOMSAT
AFRICAN ROOTED GLOBALLY POSITIONED

March 16, 2023

The CEO Maxtech Energy
3 Flat 2, Gaduwa Estate, Abuja
FCT Abuja.

Dear Sir,

RE: REQUEST FOR DATA LOGGING TO CONDUCT SOLAR PROJECT FEASIBILITY STUDY FOR NIGCOMSAT

We are in receipt of your letter dated March 10,2023 on the above-mentioned subject.

2. We are hereby communicating the management's decision for your energy company to go ahead in the installation of the power logger at the transformer output to record consumption data for one (1) week.

3. We also await the detailed proposal once this is completed to enable management decision on the proposed energy solution as soon as possible. You can kindly reach out to Engr. Aminu Bello Sumaila Head of the facility management department on 08181212051 and email bsumaila@nigcomsat.gov.ng for further enquiries.

4. Please accept our managements esteemed regards.

Abdullahi Adamu
PA to MD
For: NIGCOMSAT.

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/04
August 17, 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Award of Consultancy Service Contract for Design of 1-MW PV and 500-kW Biomass Gasification Power Plant for MAFA Rice Limited

Dear Sir,

I am pleased to extend this letter to formally award Maxtech Energy Limited the consultancy service contract for the design of a 1-MW Photovoltaic (PV) and 500-kW Biomass Gasification Power Plant for MAFA Rice Limited. We are confident that Maxtech Energy possesses the expertise and capabilities necessary to deliver exceptional results for this project.

The scope of the consultancy service includes:

1. Design of 1-MW PV Power Plant: Maxtech Energy will undertake the design of a 1-MW Photovoltaic (PV) power plant, leveraging solar energy to meet the energy needs of MAFA Rice Limited's operations.
2. Design of 500-kW Biomass Gasification Power Plant: Maxtech Energy will design a 500-kW Biomass Gasification Power Plant, utilizing our rice husk resources to generate sustainable electricity for MAFA Rice Limited.

Please review the attached contract documents, which outline the terms and conditions of our agreement. Kindly sign and return the contract with 1 week of receiving this letter.

We look forward to a fruitful collaboration with Maxtech Energy.

Best regards,

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/04

October 10, 2022

Design of 1-MW PV and 500-kW Biomass Gasification Power Plant for MAFA Rice Limited

JOB COMPLETION CERTIFICATE

CONTRACTOR:	*Maxtech Energy Limited*
DATE OF AWARD:	*August 17, 2021*
CONTRACT SUM:	***N6,872,100.00***
COMPLETION DATE:	*July 29, 2022*
CEO'S COMMENT:	*I have inspected the Contact Deliverables and found it satisfactory and in accordance with the Contract ToR.*

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/05
August 17, 2021

The Chief Executive Officer,
Maxtech Energy Limited
3 Flat 2, Gaduwa, Abuja

Award of Consultancy Service Contract for Feasibility Study of a 200 kW Renewable Energy Campus Microgrid for Aminu Dabo College of Health Sciences

Dear Sir,

I am delighted to extend this letter to award Maxtech Energy Limited the consultancy service contract for conducting the feasibility study of a 200 kW Renewable Energy Campus Microgrid for Aminu Dabo College of Health Sciences.

The scope of the consultancy service includes:

- Feasibility Study: Maxtech Energy will conduct a comprehensive feasibility study to assess the viability and potential benefits of implementing a 200 kW Renewable Energy Campus Microgrid at Aminu Dabo College of Health Sciences.
- Renewable Energy Integration: Maxtech Energy will evaluate various renewable energy sources, including solar, and biomass, to determine the most suitable options for powering the campus microgrid.
- Microgrid Design: Maxtech Energy will design the layout and configuration of the microgrid system, ensuring optimal performance and reliability to meet the energy needs of Aminu Dabo College of Health Sciences.

We believe that Maxtech Energy's expertise in renewable energy solutions and microgrid design will play a crucial role in providing sustainable and reliable power supply to the campus.

Please review the attached contract documents, which outline the terms and conditions of our agreement. Kindly sign and return the contract at your earliest convenience.

Congratulations, and we anticipate a successful partnership ahead.

Best regards,

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

No. 7 Zaria Road
Kano Nigeria
+2348037862244
+2348036102523
info@trustsynergy.com.ng

Our Ref: TSIL/C21/05
May 22, 2022

Feasibility Study of a 200 kW Renewable Energy Campus Microgrid for Aminu Dabo College of Health Sciences

JOB COMPLETION CERTIFICATE

CONTRACTOR:	*Maxtech Energy Limited*
DATE OF AWARD:	*August 17, 2021*
COMPLETION DATE:	*March 19, 2022*
CEO'S COMMENT:	*I have inspected the Contact Deliverables and found it satisfactory and in accordance with the Contract Terms of Reference*

Najeeb Mahmoud Abdussalam
CEO, Trust Synergy Infrastructure Limited

CERTIFICATES AND LICENSES

Below is the list of Maxtech Energy's Certificates and Licenses:

1. Corporate Affairs Commission (CAC) Certificate
2. CAC Annual Return Certificate
3. Tax Clearance Certificate
4. VAT Registration Certificate
5. Bureau for Public Procurement (BPP) Certificate
6. National Pension Commission (PENCOM) Certificate
7. Industrial Training Fund (ITF) Certificate
8. Nigeria Social Insurance Trust Fund (NSITF) Certificate
9. Nigerian Electricity Management Services Agency (NEMSA) Corporate Certificate
10. Nigerian Electricity Management Services Agency (NEMSA) Individual Certificate
11. COREN Certificate (Firm)
12. COREN Certificate (Electrical Engineer)
13. COREN Certificate (Civil Engineer)
14. Renewable Energy Association of Nigeria (REAN) Membership Certificate
15. Nigeria Society of Engineers (NSE) Membership Certificate
16. CAC Memorandum of Association
17. CAC Form 1.1
18. Lease of Equipment
19. Original OEM
20. Bank Reference
21. Affidavit
22. Nigerian Downstream and Midstream Petroleum Regulatory Certificate
23. Health and Safety Certificate

CORPORATE AFFAIRS COMMISSION (CAC) CERTIFICATE

RC 1704153

CORPORATE AFFAIRS COMMISSION
FEDERAL REPUBLIC OF NIGERIA

Certificate of Incorporation

I hereby certify that

MAXTECH ENERGY LTD

is this day incorporated under the COMPANIES AND ALLIED MATTERS ACT 1990 *and that the Company is Limited By Shares.*

Given under my hand at Abuja this 28th day of August, 2020.

TAX IDENTIFICATION NUMBER: 23641393-0001

1303542

A. G. ABUBAKAR

Registrar - General

CAC ANNUAL RETURN CERTIFICATE

CORPORATE AFFAIRS COMMISSION

RC 1704153

24th January, 2024

The Managing Director
MAXTECH ENERGY LTD
25 Royal Plaza, Gwarzo Road, Kano
Kano
Kano-Municipal
KANO
munneer@yahoo.com

Dear Sir,

ACKNOWLEDGEMENT OF FILING OF ANNUAL RETURN

We acknowledge the receipt of Annual return filed by your company for the year 2022 with payment receipt No. 130972183436 dated 12th January, 2024. The return has been duly accepted.

Please ensure that subsequent returns are filed in line with your financial year-end.

Yours Faithfully,

Hussaini Ishaq Magaji SAN
Registrar General

Plot 420, Tigris Crescent, Off Aguiyi Ironsi Street Maitama, P.M.B, Garki Abuja-Nigeria(s)
Tel: 09-461880-20 Fax: 09-4618821
E-mail: cservice@cac.gov.ngwebsite:http://www.cac.gov.ng

TAX CLEARANCE CERTIFICATE

It pays to pay your taxes..

TAX CLEARANCE CERTIFICATE

TCC NO : 225151373373
TAX OFFICE : MSTO KANO II
DATE : 2025-01-13

Name of Company : MAXTECH ENERGY LTD
RC No : 1704153
Date of Incorporation : 2020-08-28
TIN : 23641393-0001
FIRS ID : 2401110003373
Business Address : 25,ROYAL PLAZA,GWARZO ROAD,KAN

Business Status : Commenced Business 2020-09-01

This is to certify that the above named company has rendered Income Tax, Value Added Tax, Information Technology Development Levy, Education Tax, as well as other tax returns and paid the assessed taxes in accordance with the relevant tax laws for all years including the past three assessment years as detailed hereunder.

	Assessment Year 2022	Assessment Year 2023	Assessment Year 2024
Revenue	NGN 511,713,010.00	NGN 526,018,160.00	NGN 573,779,100.00
Assessible Profit/Loss	NGN 4,083,760.00	NGN 4,353,440.00	NGN 5,469,810.00
Total Profit	NGN 0.00	NGN 190,000.00	NGN 0.00
Tax Payable	NGN 0.00	NGN 57,000.00	NGN 0.00
Tax Outstanding (If Any)	NGN 0.00	NGN 0.00	NGN 0.00

Source of Income : Architectural and engineering activities and related technical consultancy
Other Comments : Issued
This Certificate Expires on : 2025-12-31

HALIL UMAR
Tax Controller

Official Stamp Impression

Name & Rank of Approving Officer

VAT REGISTRATION CERTIFICATE

RC NO: RC1704153

TIN: 23641393-0001

2423167-124

FEDERAL GOVERNMENT OF NIGERIA

VALUE ADDED TAX ACT CAP VI REVISED EDITION (LAWS OF THE FEDERATION OF NIGERIA) 2004
AS AMENDED BY THE FINANCE ACT 2019

VAT REGISTRATION CERTIFICATE

This is to certify that

MAXTECH ENERGY LTD

is registered with the Federal Inland Revenue Service
pursuant to the above mentioned Tax Act

Date of Issue: 11 January, 2024

Executive Chairman
Federal Inland Revenue Service

BUREAU FOR PUBLIC PROCUREMENT (BPP) CERTIFICATE

BUREAU OF PUBLIC PROCUREMENT

www.bpp.gov.ng

*Competition *Transparency *Efficiency

11, Suleiman Barau Street,
Presidential Villa,
ABUJA-NIGERIA

Expiry Date
December-31-2025

Interim Registration Report (IRR)

This is to certify the registration of

MAXTECH ENERGY LTD

Company Registration No. **1704153**

Nigeria Owned / Private Company Limited by Shares

in the National Database of Particulars, Categorization, and Classification of Contractors, Consultants and Service Providers.

FIRS	PENCOM	NSITF	ITF
Compliant	Compliant with 3 personnel, as obtained from PENCOM.	Compliant	Compliant

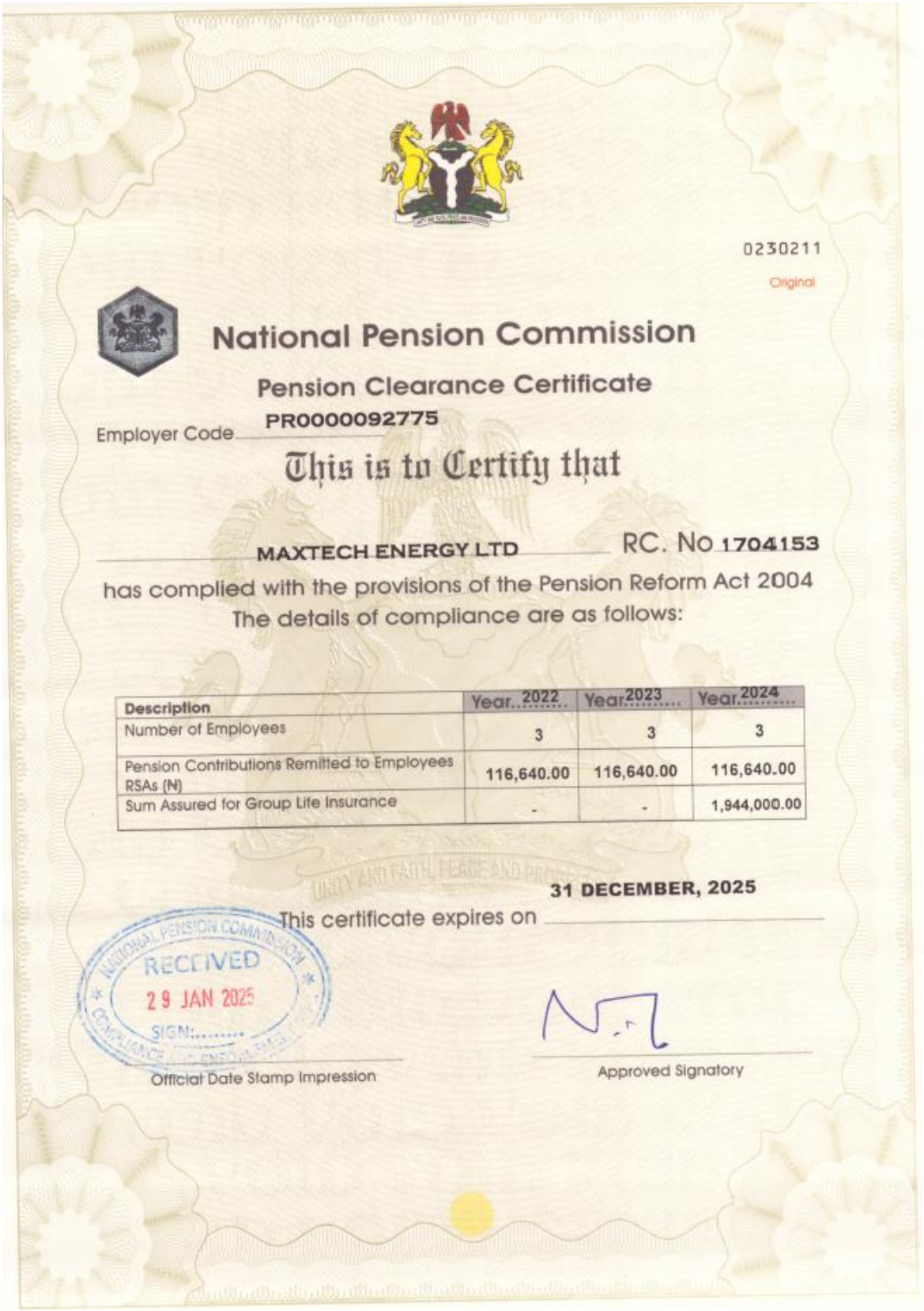
BUSINESS CATEGORIES (NOTE: Only categories with asterisk (*) have been verified by BPP)

Other Renewable Energy Plants | Biomass Fuel Power Plants | Wind Power Plants | Solar Power Plants |

Generated on February-03-2025

Ref. No. **0000-0014-4402**

NATIONAL PENSION COMMISSION (PENCOM) CERTIFICATE



0230211

Original

National Pension Commission

Pension Clearance Certificate

Employer Code PR0000092775

This is to Certify that

MAXTECH ENERGY LTD RC. No 1704153

has complied with the provisions of the Pension Reform Act 2004

The details of compliance are as follows:

Description	Year 2022	Year 2023	Year 2024
Number of Employees	3	3	3
Pension Contributions Remitted to Employees RSAs (N)	116,640.00	116,640.00	116,640.00
Sum Assured for Group Life Insurance	-	-	1,944,000.00

This certificate expires on 31 DECEMBER, 2025

NATIONAL PENSION COMMISSION RECEIVED 29 JAN 2025 SIGN:

Official Date Stamp Impression

Approved Signatory

INDUSTRIAL TRAINING FUND (ITF) CERTIFICATE

Certificate No. GME0040075

Federal Republic of Nigeria
Industrial Training Fund

CERTIFICATE OF COMPLIANCE

This is to certify that MAXTECH ENERGY LTD

Address ROYAL PLAZA GWARZO ROAD

Has complied with year 2024 Industrial Training Fund Contribution in accordance with the Laws of the Federal Republic of Nigeria cap. 19 Laws of the Federation Section 6 subsections (1), (11), (111) of 2011 as amended

REGISTRATION NO. GME-010-1115

RECEIPT NO. 000559986

THIS CERTIFICATE EXPIRES 31ST DECEMBER 2025

MAMMAN YAKUBU ADO
Name and Signature
Head Revenue Inspectorate
& Compliance

GOMBE CERTIFIED AREA OFFICE
Area Office Stamp

ATTA SAFIYANU ABDULRAHMAN
Name and Signature
Area Manager

NIGERIA SOCIAL INSURANCE TRUST FUND (NSITF) CERTIFICATE

No. 00000327848

NIGERIA SOCIAL INSURANCE TRUST FUND

ECS CLEARANCE CERTIFICATE

ORIGINAL

Employer Registration No. 1903002124

This is to Certify that

MAXTECH ENERGY LTD RC No 1704153

Has complied with the provisions of the Employees' Compensation ACT, 2010 (ECA 2010).

The details of compliance are as follows:

Description	Year 2023	Year 2024	Year 2025
Number of Employees	3	3	3
ECS Contribution Level	PAID	PAID	PAID

This Certificate expires on 31ST DECEMBER, 2025

NIGERIA SOCIAL INSURANCE TRUST FUND

20 JAN 2025

Official Stamp Impression & Date

Plot 794 Muhammadu Buhari Way,
PMB 446, Garki - Abuja

Approved Signature

NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA) CERTIFICATE

NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY
CORPORATE HEADQUARTERS
No. 4, Dar es Salaam Crescent, Wuse II, Abuja, FCT, ***Mobile:*** +234 706 8681566, +234 907 4499922,
Email: info@nemsa.gov.ng, ***Website:*** www.nemsa.gov.ng

Federal Ministry of Power

RECC/CEIF/PR/00189

CORPORATE CERTIFICATION TO UNDERTAKE RENEWABLE ENERGY INSTALLATION CONTRACTING WORKS IN NIGERIA

Having satisfied the stipulated requirements for undertaking Renewable Energy Installation Works (REIW) upon proof of technical skills, expertise and competence of the company's Engineer/Technologist, the company is hereby authorized to carry out Renewable Energy installation works in Nigeria in accordance with the provisions (Part 2 Section 6(m)) of NEMSA ACT, 2015.

Company RC No.: 1704153

Name of Company:
MAXTECH ENERGY LTD

Name of Company's Engineer/Technologist:
MUNIR AMINU HUSEIN

Signature
Certified Company's Engineer/Technologist

Signature
Chief Electrical Inspector of the Federation

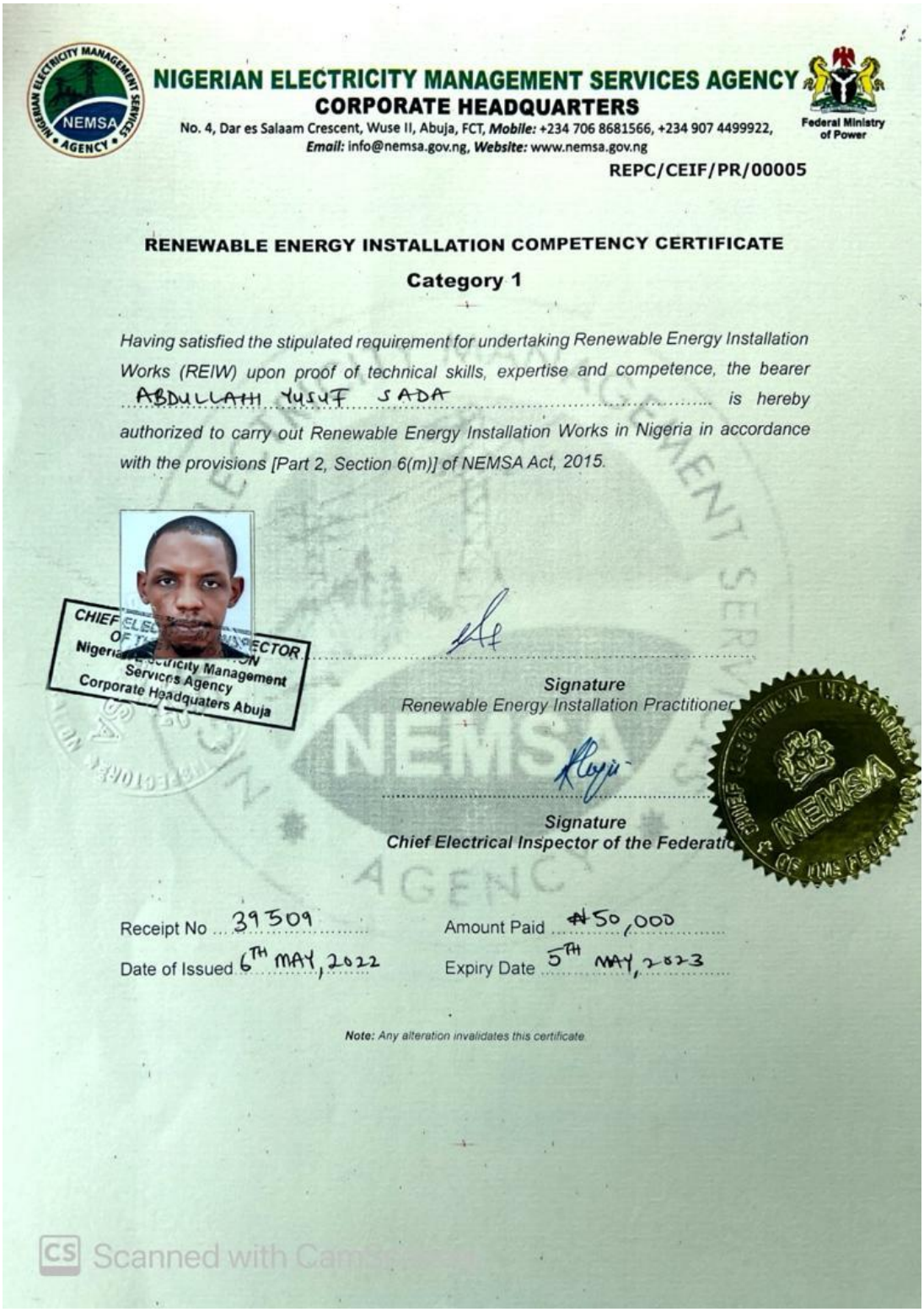
Receipt No. 47205 Amount Paid: ₦100,000.00

Date of Issue. 24-JAN-2024 Expiry Date. 23-JAN-2026

NOTE: *When the Certified Company's Electrical Engineer/Technologist leaves the organization, the Corporate Certification becomes invalid. Any alteration invalidates this certificate.*

www.nemsa.gov.ng

NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA) CERTIFICATE (INDIVIDUAL)



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY
CORPORATE HEADQUARTERS
No. 4, Dar es Salaam Crescent, Wuse II, Abuja, FCT, *Mobile:* +234 706 8681566, +234 907 4499922,
Email: info@nemsa.gov.ng, *Website:* www.nemsa.gov.ng
Federal Ministry of Power

REPC/CEIF/PR/00005

RENEWABLE ENERGY INSTALLATION COMPETENCY CERTIFICATE

Category 1

Having satisfied the stipulated requirement for undertaking Renewable Energy Installation Works (REIW) upon proof of technical skills, expertise and competence, the bearer ABDULLAHI YUSUF SADA *is hereby authorized to carry out Renewable Energy Installation Works in Nigeria in accordance with the provisions [Part 2, Section 6(m)] of NEMSA Act, 2015.*

Nigerian Electricity Management Services Agency Corporate Headquaters Abuja

Signature
Renewable Energy Installation Practitioner

Signature
Chief Electrical Inspector of the Federation

Receipt No 39509 Amount Paid ₦50,000

Date of Issued 6TH MAY, 2022 Expiry Date 5TH MAY, 2023

Note: Any alteration invalidates this certificate

COREN COMPANY CERTIFICATE

Council for the Regulation of Engineering in Nigeria

Engineers (Registration, etc.) Act (as Amended)

HEAD OFFICE: 22 Addis Ababa Crescent, Wuse Zone 4, P.O.Box 8461 Wuse, Abuja Tel: 08182255009, 08183355009, 08186655009, 08187755009

E-mail: info@coren.gov.ng, accounts@coren.gov.ng, registration@coren.gov.ng Website: www.coren.gov.ng

PRESIDENT: Engr. Prof. Sadiq Z. Abubakar, FNSE, FAEng | VICE PRESIDENT: Engr Olaolu Ogunduyile, FNSE, FNIEEE | REGISTRAR: Engr. Prof. Adisa, A. Bello, FNSE, FAEng

COREN/REG&PL/ECF 1582

14th February, 2024.

The Managing Director,
Maxtech Energy Limited
3 Flat 2, Gaduwa,
Abuja.

NOTIFICATION OF FULL REGISTRATION

This is to certify that you have fulfilled all the conditions prescribed by the Council for the Regulation of Engineering in Nigeria, **COREN**, as a statutory regulatory organ of government as established under the provisions of Engineers (Registration, etc.) ACT No.3, 2018 (Amended).

1. Accordingly, your Firm has been licensed to practice as an **Engineering Services Provider Firm with License No. ECF 1582**
2. You will be notified when your license is ready for collection
3. Note that your license expires by 31st December, 2025 and has to be renewed biennially, latest January 31st of the year 2026.

In the meantime, kindly accept the Registrar's highest regards.

Engr. Dayyabu Tijjani, FNSE, MNIM.
Head, Registration & PL Department

For: Registrar

ZONAL OFFICES: NC - Abuja, Makurdi, Lokoja, Ilorin, NW - Kaduna, Sokoto, Kano, Katsina, NE - Yola, Maiduguri, Bauchi, Gombe SS - Port Harcourt, Warri, Benin, Calabar, Yenagoa. SE - Owerri, Umuahia, Abakaliki, Enugu. SW - Lagos, Akure, Ibadan, Abeokuta

COREN CERTIFICATE (ELECTRICAL ENGINEER)

COREN

070633

ESTABLISHED BY DECREE 55 OF 1970, AMENDED BY DECREE 27 OF 1992 AND ENGINEERS (REGISTRATION, ETC) ACT CAP E11/2004, FURTHER AMENDED BY THE ENGINEERS (REGISTRATION, ETC) (AMENDMENT) ACT NO.3, 2018

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Munir Aminu Husein

has been duly Registered by the Council for the Regulation of Engineering in Nigeria, and is hereby authorised to practise within the Federal Republic of Nigeria as

Electrical Engineer

(R.66,737)

and to use before his/her name the designation

ENGR.

Dated 24th day of March 20 22

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

CORENT CERTIFICATE (CIVIL ENGINEER)

COREN

036033

ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992; NOW ACT CAP E11/2004

The Council for the
Regulation of Engineering in Nigeria

This is to certify that

Mukhtar Wada Lawan

has been duly Registered by
the Council for the Regulation of Engineering in Nigeria,
and is hereby authorised to practise
within the Federal Republic of Nigeria as

Civil Engineer
(R. 42,242)

and to use before his/her name the designation

ENGR.

Dated 22nd day of March 20 18

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid
only for so long as the holder's name remains on the Register.

REAN MEMBERSHIP CERTIFICATE

REAN
RENEWABLE ENERGY
ASSOCIATION OF NIGERIA

The Board of Trustees of
Renewable Energy Association of Nigeria (REAN)
has approved the Membership of

MAXTECH ENERGY LIMITED

Megawatt Membership Number: 0016REA0224509

who is now entitled to all the privileges granted by the Constitution
of the REAN, an organization dedicated to promoting the
growth and development of the industry in Nigeria.

2024

Ayo Ademilua
President

Safiya Aliyu
Treasurer

NIGERIA SOCIETY OF ENGINEERS (NSE) MEMBERSHIP CERTIFICATE

The Nigerian Society of Engineers
National Headquarters: National Engineering Centre, Off National Mosque-Labour House Road, Central Business District P.M.B. 13866, Wuse Abuja
Tel: +234 (09) 2917720, Email: info@nse.org.ng, Website: www.nse.org.ng
NSE Liaison Office: National Engineering Centre, 1 Engineering Close, P. O. Box 72667, Victoria Island, Lagos, Nigeria
Tel: +234 (01) 4540215, Email: lagosliaison@nse.org.ng

September 14, 2023

NSE/HQ/PRES/23/

Munir Aminu Husein
81 sagagi Kano municipal

Dear **Munir Aminu Husein**,

RE: ELECTION TO CORPORATE MEMBERSHIP

We acknowledge the receipt of your payment of Election Fee as a Corporate Member of the **NIGERIAN SOCIETY OF ENGINEERS.**

Your Membership Number is **62959** which, henceforth, should be quoted as reference number in all your correspondence with this office.

Annual subscriptions become due on the **1st of July of each year**, in accordance with articles 19 and 20 of the Articles of Association of the Society.

Please make your annual subscriptions payments **through your account on the Membership Portal.**

Please note that your certificate of membership will be released to you through your Branch. However, we will notify you through SMS/Email when your certificate is ready.

We sincerely look forward to your active participation in the Society's activities at the National, Division, and Branch levels.

Yours faithfully,

Engr. Joshua O. Egube, FNSE
Executive Secretary

CAC REGISTRATION DOCUMENTS

FEDERAL REPUBLIC OF NIGERIA
COMPANIES AND ALLIED MATTERS ACT, 1990
COMPANIES LIMITED BY SHARES
MEMORANDUM OF ASSOCIATION
OF

MAXTECH ENERGY LTD

1. The name of the Company is: **MAXTECH ENERGY LTD**
2. The Registered office of the Company will be situated in Nigeria.
3. The objects for which the Company is established are:

   A. The objects for which the Company is established are: 1. To engage in renewable and conventional energy project development and management, and to design, build, operate, test, commission, and maintain renewable and conventional energy systems. 2. To act as consultants, advisors, and agents in matters pertaining to electrical and energy engineering. 3. To conduct business as engineering, procurement, and construction (EPC) contractors of engineering and energy systems. 4. To engage in renewable energy technologies products development and sale. 5. To offer general electrical and energy engineering services, including training, advocacy, and capacity building. 6. To borrow or raise money in such manner as the Company shall deem fit, and in particular by the issue of debentures or debenture stock and to secure the repayment of any money borrowed, raised or owning, by mortgage charge, or lien upon the whole of any part of the company's property or assets (whether present or future) including its uncalled capital and also similar mortgage, charge lien to secure and guarantee the performance by the company of any obligations or liability it may undertake. 7. To do all such other things as may be considered incidental or conducive to the attainment of the above objects or any of them.

   B. To do all such other things as may be considered incidental or conducive to the attainment of the above objects or any of them.

4. The Company is a private company
5. The liability of the members is limited by share.
6. The nominal share capital of the Company is 2,000,000 divided into 2,000,000 ordinary shares of 1 each.

We, the several persons whose names and addresses are subscribed hereunder, are desirous of being formed into a Company in pursuance of this Memorandum of Association, and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

FIRS - IRA STAMP DUTY PAID

Verify Electronic Stamp here: http://stampduty.gov.ng/verification Stamp Duty Cert. No: 2020-7096-61982-62833

SN	NAME AND ADDRESS OF SUBSCRIBER		NO. OF SHARES TAKEN BY EACH SUBSCRIBER	SIGNATURES OF SUBSCRIBERS
1	Name:	HUSEIN MUNIR AMINU	1,700,000	
	Address:	81 SAGAGI. KANO (KANO, KANO)		
2	Name:	HUSSAIN HABIBU AMINU	300,000	
	Address:	81 SAGAGI, KANO MUNICIPAL, KANO (KANO, KANO)		

Dated this 26 **day of** August 2020

Particulars of witness to the above signatures: -

Name of Witness: MUKHTAR LAWAN WADA

Address of Witness: No 830 MOHD MAIFILANI ST. R.ZAKI, KANO

Occupation of Witness: CIVIL SERVANT

FIRS · FRA STAMP DUTY PAID

Verify Electronic Stamp here: http://stampduty.gov.ng/verification Stamp Duty Cert. No: 2020-7496-61992-62833

FEDERAL REPUBLIC OF NIGERIA
COMPANIES AND ALLIED MATTERS ACT, 1990
COMPANIES LIMITED BY SHARES
ARTICLES OF ASSOCIATION
OF

MAXTECH ENERGY LTD

1. INTERPRETATION

In this regulations, ''the Act" means the Companies and Allied Matters Act.

Unless the content otherwise requires, words or expressions contained in these regulations bear the same meaning as in the Act.

2. CLASS OF SHARES

The company may from time to time issue classes of shares. It shall be the responsibility of the directors to determine the classes of shares to be issued. All the rights or restrictions attached to each particular class of shares shall be specified in the terms of issue but such rights may at any time be varied in accordance with the provisions of section 141 of the Act.

3. RESTRICTIONS ON TRANSFER OF SHARES

The directors may in their absolute discretion and without giving any reason, refuse to register any transfer of any share, whether or not it is fully paid share.

4. PRE-EMPTIVE RIGHTS OF SHAREHOLDERS OF THE COMPANY

The company shall not allot any new or unissued shares unless the same are offered in the first instance to all the shareholders or to all the shareholders of the class or classes being issued in proportion as nearly as may be to their existing holdings. The offer to existing shareholders shall be by notice specifying the number of shares to which the shares to which the shareholder is entitled to subscribe and limiting a time, not being less than twenty-eight days after the service of the notice, after the expiration of which the offer, if not accepted, will be deemed to be declined. On the receipt of an intimations from the shareholder that he declines to accept the shares offered or after the expiration of the stipulated time, as the case may be, the board of directors may, subject to the terms of any resolution of the company, dispose of the shares at a price not less than that specified in the offer, in such manner as they think most beneficial to the company. Regulations 4 and 5 above are not alterable except with the unanimous consent of all the members of the company.

5. COMMISSIONS AND BROKERAGE

The company may exercise the powers of paying commissions conferred by section 131 [illegible], provide that the rate per cent or the amount of the commission paid or agreed to be paid shall be dis[illegible] in the [illegible] required by the said section. Such commission may be satisfied by the payment of cash or the [illegible] fully

or partly paid shares or partly in one way and partly in the other. The company may also on any issue of shares pay such brokerage as may be lawful.

6. ALTERATION OF CAPITAL

The company may from time to time by ordinary resolution effect an alteration of its share capital in any of the ways set out in section 100 of the Act. Subject to the provisions of the Act on reduction of capital, the company may, whenever it considers it expedient to do so, by special resolution reduce its share capital, any capital redemption fund or any share premium account.

7. MEETINGS

The annual general meeting shall be held at such time and place as the director shall appoint. The chairman, if any, of the board of directors shall preside as chairman at every general meeting of the company, or if there is no such chairman, or if he is not present within thirty minutes after the time appointed for the holding of the meeting or is unwilling to act, the director present shall elect one of their number to be chairman of the meeting. If at any meeting no director is willing to act as chairman or if no director is present within thirty minutes after the time appointed for the holding the meeting, the members present shall choose one of their number to be chairman of the meeting.

8. VOTING

No member shall be entitled to vote at any general meeting unless all calls or other sums payable by him in respect of shares in the company have been paid.

9. THE SEAL

The directors shall provide for the safe custody of the seal, which shall only be used by the authority of the director or of a committee of the directors authorised by the director that behalf and every instrument to which the seal is affixed shall be signed by the director and countersigned by the secretary or by a second director or by some other person appointed by the directors for the purpose.

10. NOTICE

A notice may be given by the company to any member either personally or by sending it by post to him or to his registered address, or (if he has no registered address within Nigeria) to the address, if any, within Nigeria supplied by him to the company for the giving of notice to him. Where a notice is sent by post, service of the notice shall be deemed to be effected by properly addressing, prepaying, and posting a letter containing the notice and to have been effected at the expiration of seven days after the letter containing the same is posted

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SN	NAME AND ADDRESS OF SUBSCRIBER	SIGNATURES OF SUBSCRIBERS
1	Name: HUSEIN MUNIR AMINU Address: 81 SAGAGI. KANO (KANO, KANO)	
2	Name: HUSSAIN HABIBU AMINU Address: 81 SAGAGI, KANO MUNICIPAL, KANO (KANO, KANO)	

Dated this 26 **day of** August **20** 20

Particulars of witness to the above signatures: -

Name of Witness: MUKHTAR LAWAN WADA

Address of Witness: NO 830 MOHD MAIFULANI ST. R/ZAKI, KANO

Occupation of Witness: CIVIL SERVANT

FIRS - FRA STAMP DUTY FUND

Verify Electronic Stamp here: http://stampduty.gov.ng/verification Stamp Duty Cert. No: 2020-7496-61982-62833

CORPORATE AFFAIRS COMMISSION

(Established under the Companies and Allied Matters Act 1990)

FORM CAC 1.1

APPLICATION FOR REGISTRATION OF COMPANY

Form Must be Typed and not Handwritten

(Carefully read the Notes overleaf before you fill in the Form)

Type of Company (Tick as appropriate)	LIMITED BY SHARES		LIMITED BY GUARANTEE	X	UNLIMITED	

COMPANY NAME

MAXTECH ENERGY LTD

SECTION A: Company Address

Registered Office Address and Head Office Address if different from Registered Office Address	
* Registered Office Address:	25 Royal Plaza, Gwarzo Road, Kano (Kano, KANO)
Head Office Address: (If different from Registered Office Address)	N/A
* Email Address:	munneer@yahoo.com

SECTION B: THE AUTHORIZED SHARE CAPITAL OF THE COMPANY IS:

TWO MILLION NAIRA	₦ 2,000,000

AMOUNT IN WORDS

DIVIDED INTO	2,000,000	OF ₦	1	EACH

* _____ Signature of Director

* Munir Amina Husein 08037188932 Name of Director & Tel. No

STAMP DUTY

Verify Electronic Stamp here: http://stampduty.gov.ng/verification Stamp Duty Cert. No: 2020-7496-61982-62833

SECTION C: PARTICULARS OF FIRST DIRECTORS & THEIR CONSENT TO ACT

Name and Addresses of Persons who are First Directors of the Company & Their Consent to Act

1 .

*Name:	HUSEIN MUNIR AMINU				
*Residential Address:	81 Sagagi, Kano Municipal, Kano			*Nationality:	NIGERIAN
*City:	Kano	*State:	KANO	*Country of Residence:	NIGERIA
*ID No:	74355374316	*ID Type:	National ID Card	*E-mail:	munneer@yahoo.com
*Date of Birth:	May 25, 1984	*Gender:	MALE	*Phone No:	08032988932

Signature: _____ Date: 26 August 2020

I consent to be a Director of the above Company

2 .

*Name:	HUSSAIN HABIBU AMINU				
*Residential Address:	81 Sagagi, Kano-Municipal, Kano			*Nationality:	NIGERIAN
*City:	Kano	*State:	KANO	*Country of Residence:	NIGERIA
*ID No:	A08086333	*ID Type:	International Passport	*E-mail:	habaminu@gmail.com
*Date of Birth:	Jan 17, 1986	*Gender:	MALE	*Phone No:	08038357914

Signature: _____ Date: 26 - 08 - 2020

I consent to be a Director of the above Company

SECTION D: PARTICULARS OF SECRETARY (INDIVIDUAL)

*Name:	Aminu Amira Aliyu				
*Address:	8 Korau Road, Nassarawa, Kano (Kano, KANO)				
*Phone No:	08050840406	*E-Mail:	a_cubed@hotmail.co.uk	*Signatu	
*ID Type:	International Passport			*ID No:	

Verify Electronic Stamp here: Stamp Duty Cert. No:

SECTION D1: PARTICULARS OF SECRETARY (FIRM/CORPORATION)

SECTION E: Statutory Declaration of Compliance with the requirements of CAMA by a Legal Practitioner

*Name Of Deponent:			
*Address:			
*Accreditation No. (If Any):		*Phone No:	

Do solemnly declare that the above proposed company has fulfilled the requirements for its registration

Declared at _____ **On the** _____ **day of** _____ **20** _____

_____
Deponent

Before Me:
_____
Commissioner for Oaths/Notary Public

PRESENTED FOR FILING BY

*Name:	HUSEIN MUNIR AMINU		
*Address:	81 SAGAGI, KANO MUNICIPAL, KANO (KANO MUNICIPAL, KANO)		
*Phone No:	08032988932	*E-Mail:	munneer@yahoo.com
Accreditation No. (Where Applicable):		*Date:	26 August 2020

Verify Electronic Stamp here: http://stampduty.firs.gov.ng/verification Stamp Duty Cert. No: 2020-7496-61982-62833

Notes:

a) A copy of either the Data Page of International Passport, driver's license or National Identity Card of every individual director, subscriber and secretary must be attached to this application. For non-Nigerians only Data Page of International Passport is acceptable.

b) Directors must be individuals and not below the age of 18years. See section 257 CAMA for other grounds of disqualification.

c) Minors can subscribe to the shares of the company provided there are atleast two other qualified persons.

d) A copy of Birth Certificate of every minor that is a subscriber issued by the National Population Commission or Data Page of International Passport must be attached.

e) Where a corporate body is a subscriber or nominates a director to the board for a fixed term, a board resolution to that effect must be attached. For a corporate body registered outside Nigeria, a copy of certificate of registration duly translated if not in English Language must in addition be provided.

f) The minimum share capital for a private company is N10,000 and N500,000 for a public company. Atleast 25 percent of the nominal share capital must be issued at all times. Please check the guidelines of other regulatory bodies for the capital requirements for companies operating in those sectors.

g) A company limited by guarantee should not be registered with a share capital. The Commission is also required by law to refer the memorandum to the Attorney General of the Federation for approval before registration.

h) Foreigners that are directors or subscribers using Nigerian addresses must attach copies of their residence permit. Other foreigners should use their residential addresses in their country of residence.

i) This form must be accompanied by duly signed and stamped copies of the memorandum and articles of association. Companies are required to adopt the applicable model articles in Table 'A' of CAMA. Any modification to the table must be highlighted and registered together with the memorandum.

j) A first director or subscriber can prepare or present the incorporation documents directly to the Commission for processing. The use of accredited professionals is no longer necessary provided all matters incidental to the registration are complied with.

k) All asterisked fields on the form are mandatory

Verify Electronic Stamp here: http://stampduty.gov.ng/verification Stamp Duty Cert. No: 2020-7496-61983-62833

LEASE OF EQUIPMENT AGREEMENT

LEASE OF EQUIPMENT/MACHINES AGREEMENT

BETWEEN

COASTAL EQUIPMENTS SALES LTD.(LESSOR)

AND

MAXTECH ENERGY LTD
(LESSEE)

Afidara, Afidara& CO.
Legal Consultant,
Suite 18, Ramat Shopping Complex,
Wuse II,
Abuja

MEMORANDUM OF UNDERSTANDING FOR EQUIPMENT LEASE

THIS MEMORANDUM OF UNDERSTANDING is made this **24th** day of **February 2023**

BETWEEN

COASTAL EQUIPMENTS SALES LTD: FACTORY ADDRESS: 24 Ikorodu Road, Agric Bus Stop, Ikorodu lagos . (Wherein called "THE LESSOR") which expression shall where the context so admits its successor-in-title. Agents and assigns of the one part.

AND

MAXTECH ENERGY LTD: 3 Flat 2, Gaduwa Estate, Abuja (Hereinafter called "THE LESSEE") which expression shall where the context so admit includes its successor-in-title, agents and assigns of the other part.

WHEREAS

1. **THE LESSOR** owns and is in possession of various Earth Moving Equipment's and is duly authorized by its Boards of Director to lease the Equipment to **THE LESSEE** at the prevailing market monthly rentals as at the date of lease.
2. **THE LESSOR** hereby covenant to lease to **THE LESSEE,** and **THE LESSEE** hereby leases from THE LESSOR, the following described equipment's (the "Equipment)
3. The Monthly rent for the equipment shall be paid in advance in installments each month, beginning on the date the equipment's are moved our of **THE LESSOR'S** premises and on the first day of each succeeding month throughout the term hereof.
4. **LESSEE** shall use the equipment in a careful and proper manner and shall comply with and conform to all National, Municipal, Police and other laws, ordinances and regulations in any way relating to the possession, use or maintenance of the Equipment.
5. **THE LESSOR** disclaims any and all other warranties, express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose, except THE **LESSOR** has the right to lease the equipment, as provided in the lease agreement.
6. **THE LESSEE,** at its own cost and expenses, shall keep the equipment in good repair, condition and working order and shall furnish and nay and all parts, mechanism and devices required keeping the Equipment in good mechanical working order.

7. **THE LESSEE** hereby assumes and shall bear the entire risk of loss and damage to the Equipment from any and every cause whatsoever. No loss or damage to the Equipment or nay part thereof shall impair any obligation of **THE LESSEE** under this lease, which shall continue in full force and effect through the term of the lease, in the event of loss or damage of any kind whatsoever to the Equipment, **THE LESSEE** shall, at **THE LESSOR'S** option: place the same in good repair, condition and working order; or pay to **THE LESSORS** the replacement cost of the equipment.

8. The Equipment is and shall at all times be and remain, the sole and exclusive property of **THE LESSOR**; and **THE LESSEE** shall have no right, title or interest therein to thereto except as expressly set forth in this lease.

9. **THE LESSEE** shall not assign this lease of its interest in the Equipment without the prior written consent of **THE LESSOR.**

10. This Lease shall be construed and enforced according to laws of the state of Nigeria This Instrument constitutes the entire agreement between the parties on the subject matter hereof and it shall be amended, altered or changed except by a further writing signed by the parties thereof.

11. The term of this lease shall commence on **2nd March, 2023** and expires on **1st March, 2026** The parties hereto have executed the Lease under a common seal as of the day and year first above written.

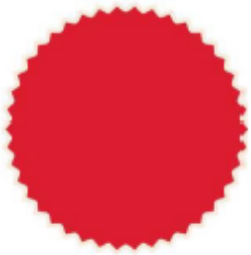
THE COMMON SEAL OF THE "LESSEE"
(MAXTECH ENERGY LTD) WAS HEREUNTO AFFIXED IN THE PRESENCE OF

.....
DIRECTOR

.....
SECRETARY

THE COMMON SEAL OF THE "LESSOR"
(COASTAL EQUIPMENTS SALES LTD.) WAS HEREUNTO AFFIXED IN THE PRESENCE OF

.....
DIRECTOR



.....
SECRETARY

LIST OF EQUIPMENT	QUANTITY
a. **Side Drop Crane**	**2Nos**
Pick up Van	**3Nos**
Test Equipment	**Sets**
b. Caterpillar Grader (14G)	1NO
Caterpillar Grader (140G)	4NOS
Caterpillar Grader (12G)	2NOS
c. Caterpillar Payloader (966F)	3NOS
Caterpillar Payloader (950F)	2NOS
d. Caterpillar Bulldozer (D8K)	2NOS
Caterpillar Bulldozer (D7)	3NOS
Caterpillar Bulldozer (D6)	1NO
e. Caterpillar Excavator (325)	3NOS
Caterpillar Excavator (320)	2NOS
f. Roller P.T.R	1Nos
Iron Roller (HAMM)	3Nos
Handroller	5Nos
Sheepfoot Roller (LODICO)	2Nos
Neumatic Roller (DYNAPAC)	2Nos
g. Mack Truck	1No
h. Payloader	1No
i. Water Tanker (DAF)	4Nos
j. Ladder	5Nos
k. Electrical Tool Box	2Nos
l. Hiab Truck	1No
m. Toyota Hilux	3Nos
n. Tarboiler (MASENZA)	2Nos
o. Chipping Spreader (BENNES MARREL)	1No
p. Mobile Concrete Mixer (STYR)	1No
q. Mobile Concrete Mixer with Pump (LiebherrMischtechnik)	
r. Asphart Finisher (BLOW KNOXX)	5Nos
s. Tippig Trailers (DAF)	2Nos
t. Tipper (FOTON)	8Nos
u. Lowbed (DAF)	2Nos
v. Caterpillar JCB 428C	3Nos
w. Bobcat	2Nos

PICTURE OF EQUIPMENT'S AND MACHINERY TO BE LEASED



















OEM ACCREDITED AGENT AGREEMENT

MLSUN GROUP CO., LTD.

MLSUN CSP

EXCLUSIVE AGENT AGREEMENT

MLSUN GROUP CO., LTD. is the Original Equipment Manufacturer (OEM) and that MAXTECH ENERGY LIMITED is an accredited agent of MLSUN GROUP CO., LTD.

Between:
COMPANY: MLSUN GROUP CO., LTD.
Having its registered office at: Building 6, Yuanyin Road, Nankai District, Tianjin City, China
Hereinafter referred to as " MLSUN " or "Party A"
And
COMPANY: MAXTECH ENERGY LTD
Having its registered office at: 3 FLAT 2, GADUWA, ABUJA, NIGERIA
Hereinafter referred to as " MAXTECH " or "Party B"

This Agreement is entered into by the parties concerned on the basis of equality and mutual benefit in accordance with mutually agreed terms and conditions for the development of business.

1. Objective of this agreement

In order to develop the market, MLSUN agreed to authorize MAXTECH to act as an agent for the said products in the designated market. The parties agree as follows:

2. Commodity

Solar all-in-one Streetlight, Solar Home System, Concentrated Solar Power (CSP): Parabolic Troughs, Receiver Tubes, Tower Heliostats, etc.

3. Designated market

In Nigeria.

4. Rights and obligations of MAXTECH

MAXTECH purchases products from MLSUN, resells them to customers in the name of its own company and account, and provides installation, operation, maintenance and after-sales services at its own expense.

As the exclusive agent, the annual sales target is not less than 10000 US dollars .

5. Rights and obligations of MLSUN

MLSUN provides technical support and installation guidance to MAXTECH.

MLSUN assists MAXTECH in solving technical problems in the market.

6. Price clause

MLSUN gives the agent's price to MAXTECH, so that MAXTECH can gain profits.

All prices are in US dollars.

7. Confirmation of orders

The quantity, price and shipment of the goods will be confirmed in a separate order confirmation for each order.

All details will be specified in a separate order confirmation signed by both parties.

8. Payment terms

Payment method: Bank Transfer in the name of the company.

Payment terms: 50% T/T in advance, remaining 50% T/T before shipment.

MLSUN will arrange production after the advance payment is received.

ADDRESS: BUILDING 6, YUANYIN ROAD, NANKAI DISTRICT, TIANJIN, CHINA
Email: info@mlsun.com Website: mlsun-csp.en.made-in-china.com

9. Confidentiality clause

MLSUN and MAXTECH agreed to keep confidential for all technical, commercial and financial information and not disclose them to any third party within the validity period and after the termination of the agreement.

10. Validity of this agreement

This Agreement is valid for 3 years after being signed by both parties from January 1st, 2024 to January 1st, 2027.

If either party wishes to extend this agreement, please notify the other party in writing one month before the expiration of the agreement.

11. Arbitration

All disputes arising from the execution of this Agreement shall be settled through friendly negotiation. If no settlement can be reached through negotiation, both parties agree to submit the dispute to the China International Economic and Trade Arbitration Commission in Beijing, China.

12. Other terms & conditions

(1) MAXTECH can NOT sell other similar products from other suppliers, during selling the products from MLSUN, and the brand rights belong to "MLSUN". Otherwise, MLSUN has the rights to cancel the agency of MAXTECH.

(2) MAXTECH can NOT transfer the agency to any third parties.

This Agreement is signed on January 1st, 2024, in two copies, with each party holding one copy.

MLSUN: MLSUN GROUP CO., LTD.

Signed by: ATHENA Authorized Signature

MLSUN GROUP CO., LTD.

Date: January 1st, 2024

MAXTECH:

Signed by: MUNIR AMINU HUSEIN

MAXTECH ENERGY LIMITED

Date: January 1st, 2024

May 30th, 2023

The Chief Executive Officer
Maxtech Energy Limited
3 Flat 2, Gaduwa Estate, Abuja
F.C.T

Dear CEO,

Letter of Authorization as Representative of the Original Equipment Manufacturer (OEM)

Objective:
MLSUN hereby authorizes MAXTECH ENERGY to act as its official agent for all equipment manufactured by MLSUN.

Equipment:
The authorization specifically covers solar PV panels, CSP systems, lithium-ion batteries, inverters, charge controllers, and all associated accessories manufactured by MLSUN.

Rights and Obligations:
MAXTECH ENERGY is authorized to purchase equipment from MLSUN, resell it under its own name and account, and provide installation, operation, maintenance, and after-sales services.

MLSUN Obligations:
MLSUN will provide technical support and installation guidance. Additionally, MLSUN will assist in resolving any technical challenges that may arise in the market.

Validity:
This authorization is valid for five (5) years and will expire on May 29, 2028.

Other Terms and Conditions:
MAXTECH ENERGY is prohibited from transferring this agency to any third party.

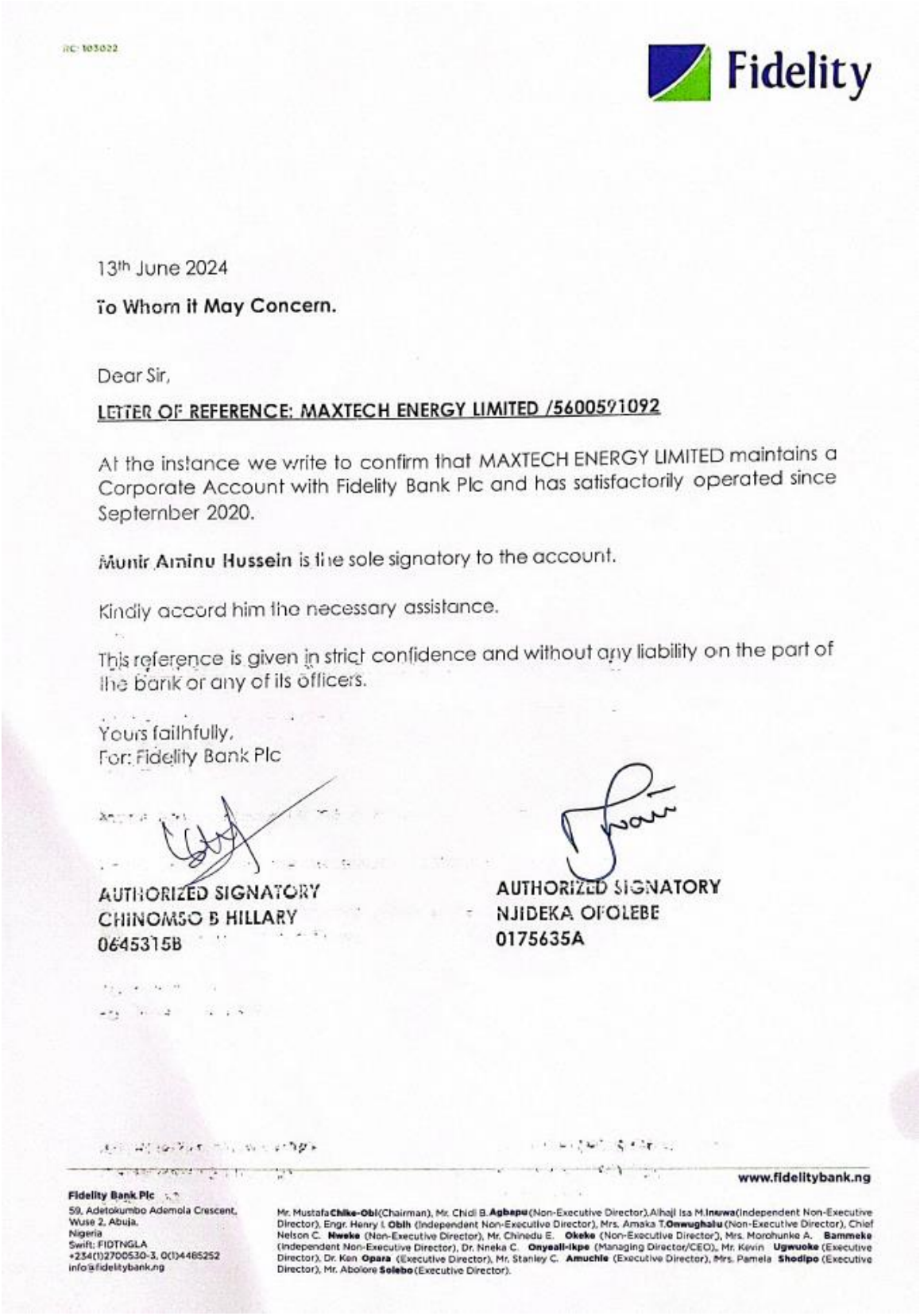
Athena

Signed by: Athena
Director of International Business Division
For: MLSUN Group Executive Chairman

MLSUN GROUP CO., LTD.

Authorized Signature

BANK REFERENCE



RC: 103022

Fidelity

13th June 2024

To Whom it May Concern.

Dear Sir,

LETTER OF REFERENCE: MAXTECH ENERGY LIMITED /5600591092

At the instance we write to confirm that MAXTECH ENERGY LIMITED maintains a Corporate Account with Fidelity Bank Plc and has satisfactorily operated since September 2020.

Munir Aminu Hussein is the sole signatory to the account.

Kindly accord him the necessary assistance.

This reference is given in strict confidence and without any liability on the part of the bank or any of its officers.

Yours faithfully,
For: Fidelity Bank Plc

AUTHORIZED SIGNATORY
CHINOMSO B HILLARY
0645315B

AUTHORIZED SIGNATORY
NJIDEKA OFOLEBE
0175635A

www.fidelitybank.ng

Fidelity Bank Plc
59, Adetokunbo Ademola Crescent,
Wuse 2, Abuja.
Nigeria
Swift: FIDTNGLA
+234(1)2700530-3, 0(1)4485252
info@fidelitybank.ng

Mr. Mustafa **Chike-Obi** (Chairman), Mr. Chidi B. **Agbapu** (Non-Executive Director), Alhaji Isa M. **Inuwa** (Independent Non-Executive Director), Engr. Henry I. **Obih** (Independent Non-Executive Director), Mrs. Amaka T. **Onwughalu** (Non-Executive Director), Chief Nelson C. **Nweke** (Non-Executive Director), Mr. Chinedu E. **Okeke** (Non-Executive Director), Mrs. Morohunke A. **Bammeke** (Independent Non-Executive Director), Dr. Nneka C. **Onyeali-Ikpe** (Managing Director/CEO), Mr. Kevin **Ugwuoke** (Executive Director), Dr. Ken **Opara** (Executive Director), Mr. Stanley C. **Amuchie** (Executive Director), Mrs. Pamela **Shodipo** (Executive Director), Mr. Abolore **Solebo** (Executive Director).

AFFIDAVIT

I, Munir Aminu Husein, whose photograph appears here, male, of Yakubu Gowon Estate, Abuja, Director of Maxtech Energy Limited, a renewable energy project development firm located at 3 Flat 2, Gaduwa, Abuja, Nigeria, and I am duly authorized to make this affidavit on behalf of the Board of Directors of Maxtech Energy Limited:

1. That Maxtech Energy Limited is not in receivership, nor the subject of any form of insolvency, bankruptcy proceedings, or any form of winding-up petition or proceedings.
2. That Maxtech Energy Limited is not a replacement for any previously tax-defaulting company.
3. That no director of Maxtech Energy Limited has been convicted in any country for a criminal offense relating to fraud, financial impropriety, criminal misrepresentation, or falsification of facts relating to any matter.
4. That Maxtech Energy Limited has successfully executed various renewable energy projects in the last five years, with verifiable evidence of delivering such services.
5. That Maxtech Energy Limited possesses evidence of certification/training in renewable energy installations and services, demonstrating our competence and expertise in this field.

On behalf of the Board of Directors of Maxtech Energy Limited, I solemnly declare under penalty of perjury that the foregoing statements are true and correct to the best of my knowledge, information, and belief.

_____

Munir Aminu Husein

June 13, 2024

Sworn to and subscribed before me this ___13___day of June 2024.

_____

Commissioner of Oath/Notary Public

NMDPRA CERTIFICATE

NIGERIAN MIDSTREAM AND DOWNSTREAM
PETROLEUM REGULATORY AUTHORITY (NMDPRA)
FEDERAL REPUBLIC OF NIGERIA

MIDSTREAM AND DOWNSTREAM OIL & GAS
INDUSTRY SERVICE PERMIT

MAJOR CATEGORY

PERMIT NO: NMDPRA/MDOGISP/24/2795823/N315065

This Permit is granted to: MAXTECH ENERGY LIMITED
(Name of Permit holder)

of: 3 FLAT 2, GADUWA ESTATE ABUJA, ABUJA, NIGERIA
(Address of Permit holder)

to render service to the Oil and Gas industry in the category listed hereunder:

INSTALLATION AND MAINTENANCE SERVICES
- Electrical Installation/Maintenance & Materials

This permit is issued subject to the conditions prescribed in the Petroleum Industry Act, 2021 and the regulations made thereunder, now in force or which may come into force during the validity period of the permit and does not confer on the Permit Holder the right to sell or distribute petroleum product.

This permit shall expire on Saturday, August 23, 2025

Fee: 25,000.00

Dated: 23rd Day of: August 20.24

Authority Chief Executive

HSE CERTIFICATES

British International Safety Organisation

Certificate of Completion

The United Kingdom SHE Organisation certifies

OJIM GERALD OGBONNAYA

for successfully completing the training course for the Award of

HSE Level 1 *(Award in Health and Safety at Work)*

This November 2019

Grade: DISTINCTION

This certificate is issued under
the British International Safety Organisation
United Kingdom and is listed as a valid status for practice

R Smith
Training & Development
UK SHE Organisation

Daniel F Andrew
President - Council
UK SHE Organisation

UK SHE Organisation
improving lives everyday
Certificate ID: 00187101

This certificate remains the property of the UK SHE Organisation and is bound by the condition of contract

British International Safety Organisation

Certificate of Completion

The United Kingdom SHE Organisation certifies

OJIM GERALD OGBONNAYA

for successfully completing the training course for the Award of

HSE Level 2 *(Risk Assessment Practical Application)*

This November 2019

Grade: CREDIT

This certificate is issued under
the British International Safety Organisation
United Kingdom and is listed as a valid status for practice

R Smith
Training & Development
UK SHE Organisation

Daniel F Andrew
President - Council
UK SHE Organisation

UK SHE Organisation
improving lives everyday
Certificate ID: 00187101

This certificate remains the property of the UK SHE Organisation and is bound by the condition of contract.

British International Safety Organisation

Certificate of Completion

The United Kingdom SHE Organisation certifies

OJIM GERALD OGBONNAYA

for successfully completing the training course for the Award of

HSE Level 3 *(Award in Environmental Awareness)*

This November 2019

Grade: CREDIT

This certificate is issued under
the British International Safety Organisation
United Kingdom and is listed as a valid status for practice

R Smith
Training & Development
UK SHE Organisation

Daniel F Andrew
President - Council
UK SHE Organisation

UK SHE Organisation
improving lives everyday
Certificate ID: 00187101

This certificate remains the property of the UK SHE Organisation and is bound by the condition of contract.

Department of Petroleum Resources

Permit Number: DPR/OGISP/19/6461225/N156472

Certificate of Completion

This is to certify that

OJIM GERALD OGBONNAYA

has completed the Basic Course in

ENVIRONMENTAL IMPACT ASSESSMENT

Topics covered:

- Screening
- Initial Environmental Examination (IEE)
- Scoping
- Full-Scale Assessment
- EIA Review and Decision Making
- Monitoring and Follow-up

Certificate Registration No: 7778

Date of Certification: 13 November 2019

Head of NIC

License Training Provider: Noveille Innovation Center ®

CV OF THE CHAIRMAN/CEO

Engr. Munir Aminu Husein, PhD
munir@maxtechenergy.com
08032988932

EDUCATION

Ph.D. Electronics Engineering — **February 2020**
Kookmin University, Seoul — Seoul, Korea
Dissertation: "Optimal Design and Operation Optimization of Microgrid with High Renewable Energy Penetration."

M.Sc. Electric-Electronics Engineering — **June 2014**
Yasar University, Izmir — Izmir, Turkey
Thesis: "Wide-area Damping of Power Systems Oscillations using Model Predictive Control."

B.Eng. Electrical Engineering — **February 2008**
Bayero University, Kano — Kano, Nigeria

Senior Secondary School Leaving Certificate (SSCE) — **June 2001**
Dawakin Kudu Science College — Kano, Nigeria

Junior Secondary School Leaving Certificate — **June 1998**
Government College Maiduguri — Maiduguri, Nigeria

Primary School Leaving Certificate — **May 1995**
Kofar Naisa Special Primary School — Kano, Nigeria

WORK EXPERIENCE

Maxtech Energy Limited — 2020-date
Chief Executive Officer — Abuja, Nigeria

- Renewable energy projects consultancy
- Feasibility study and front-end engineering of energy projects
- Technical/financial modeling of renewable energy projects

Trust Synergy Infrastructure Limited — 2015-2021
Chief Technical Officer — Abuja, Nigeria

- Feasibility studies of mini-grids for rural electrification
- Business model development of renewable energy projects

- Business development and strategy of energy projects

Cobalt International Services Limited 2009-2015
IT and system analyst Lagos, Nigeria
- Information security
- Data analysis and software development

Federal University of Technology, Akure 2008-2009
National Youth Service Corps Akure, Nigeria

CONSULTANCY EXPERIENCE

- **Project name:** Feasibility Study of 15 MW solar PV system at Kano Economic City (KEC)
  Client: Trust Synergy/Empower New Energy, Norway
  Project duration: 18 months (January 2021 – June 2022)
  Brief description of the assignment: This assignment develops a technical and financial feasibility study of a 15 MW solar farm in KEC.
- **Project name:** Feasibility study of 4.5-MW biomass power plant using rice husks for Northwest Industry, Kano
  Client: Northwest Industries, Kano
  Project duration: 6 months (November 2021 – April 2022)
  Brief description of the assignment: This projects conduct technical and financial feasibility of using risk husk gasification technology to provide a captive power solution to a rice mill factory.

- **Project name:** Feasibility study of a 72-kW renewable energy campus microgrid for Aminu Dabo College of Health Sciences
  Client: Aminu Dabo College of Health Science, Kano
  Project duration: 3 months (January 2022 – April 2022)
  Brief description of the assignment: This project conducts technical and financial feasibility for deploying a hybrid solar microgrid to the college campus.
- **Project name:** Feasibility study of a 42-kW renewable energy campus microgrid for Aminu Dabo College of Nursing and Midwifery
  Client: Aminu Dabo College of Nursing and Midwifery
  Project duration: 3 months (January 2022 – April 2022)
  Brief description of the assignment: This project conducts technical and financial feasibility for deploying a hybrid solar microgrid to the college campus.

- **Project name:** Design of 1-MW PV and 500-kW biomass gasification power plant for MAFA Rice
  Client: MAFA Industries
  Project duration: 1 year (August 2021 – July 2022)
  Brief description of the assignment: This project designs a hybrid solar and biogas mini-grid for a rice mill factory.

- **Project name:** Design of a grid-connected Mini-grid for Shell Quarters, Port Harcourt
  Client: Auxano Solar
  Project duration: 3 months (September 2022 – December 2022)
  Brief description of the assignment: This assignment conducts a feasibility study of deploying solar and lithium-ion battery storage for a Shell residential estate in Port Harcourt.

- **Project name:** Design of a Smart Mini-grid for Kano University of Science and Technology
  Client: Kano University of Science and Technology
  Project duration: 3 months (May 2021 – August 2021)
  Brief description of the assignment: This assignment conducts a technical design and financial modeling of solar and lithium-ion batteries.

- **Project name:** Design of a Mini-grid for Gerawa Rice Mills
  Client: Gerawa Rice Mill
  Project duration: 6 months (January 2022 – June 2022)
  Brief description of the assignment: This assignment conducts a design and front-end engineering of deploying solar and lithium-ion battery storage.

- **Project name:** Design of a grid-connected Mini-grid for Abuja Urban Mass Transport Company
  Client: Abuja Urban Mass Transport Company
  Project duration: 2 months (July 2023 – August 2023)
  Brief description of the assignment: This assignment conducts a study of deploying solar and lithium-ion battery storage

TRAINING FACILLITATED

• Minigrids financial and business model, a 2-day training for Rural Electrification Staff sponsored by Korean Government	Abuja, November 2023
• Solar PV System Design using HOMER, a 3-day training organized by Women-in-Power, Nigerian Section	Lagos, August 2022
• Electrical Services Design	Abuja, October 2023
• Introduction to Machine Learning and AI	Abuja, May – July 2023

INTERNATIONAL RESEARCH AND STUDY

• Field study and data collection for microgrid design, May 2019	Beni, Bolivia
• Field study and data collection for microgrid design, Dec. 2018	Peleliu, Palau
• International Exchange Student, Kookmin University, Fall 2013	Seoul, Korea

DISTINCTIONS, AWARDS, GRANTS, AND SCHOLARSHIPS

• Academic Excellence Award, Graduate School, Kookmin University	February 2020
• Kookmin University Ph.D. Scholarship for Excellent Overseas Student	2015-2019
• Korea Institute of Electrical Engineers Best Paper Award	January 2017
• National Research Foundation of Korea (NRF) grants	2015-2017

- Kano State Government Master Scholarship Award — 2012

PROFESSIONAL TRAINING ATTENDED

DIgSilent — Stuttgart, Germany
- PowerFactory Training Seminar on HVDC & FACTS — May 2017

British Council — Izmir, Turkey
- International English Language Testing System (Score: 7.5) — March 2013

Nigeria Institute of Management — Abuja, Nigeria
- Proficiency Certificate in Management — April 2010

Center for Information Technology, Bayero University — Kano, Nigeria
- AutoCAD Training — May-June, 2004

SOFTWARE SKILLS

- QGIS and ArcGIS
- Matlab and Simulink
- Python
- HOMER
- Energy Planner
- Helioscope
- EMTD/PSCAD
- openDSS
- PowerFactory
- SAM
- AutoCAD
- RETSCREEN

INVITED TALKS

- *Financial analysis for microgrid projects* — Seoul, Korea
  Knowledge Sharing Workshop, July 2019
- *Off-grid hybrid system design considerations* — Pyeongchang, Korea
  KIEE Winter Meeting, January 2019
- *Renewable Energy Policies in Nigeria* — Abuja, Nigeria
  A seminar organized by Baze University
- *Climate Change Mitigation and Adaptation in Nigeria* — Abuja, Nigeria
- A worskshop organized by Baze University

LICENSE AND CERTIFICATIONS

- Council for the Regulation of Engineering in Nigeria (COREN)
- Nigeria Electricity Management Services Agency (NEMSA)

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Institute of Electrical and Electronics Engineers (IEEE)
- Nigeria Institute of Management (NIM)
- Nigeria Society of Engineers (NSE)

- Renewable Energy Association of Nigeria (REAN)

VOLUNTEER WORK

• Member, Board of Trustees, Kano Education Foundation	2015-present
• Facilitator, Debate to Action, a British Council initiative for Millennium Development Goals Awareness Campaign	2008-2009
• Volunteer facilitator, IEEE Women in Power	2022

JOURNAL PUBLICATIONS

1. **Husein M,** Chung IY, "Day-ahead solar irradiance forecasting for microgrids using a long short-term memory recurrent neural network: a deep learning approach", *Energies*, vol. 12, no. 1856, 2019. *(Published by MDPI, Science Citation Index Journal).*

2. **Husein M,** Chung IY, "Optimal design and financial feasibility of a university campus microgrid considering renewable energy incentives", *Applied Energy*, vol. 225, pp. 273-289, 2018. *(Published by Elsevier, Science Citation Index Journal).*

3. **Husein M,** Chung IY, "The impact of policy and technology parameters on the economics of microgrids for rural electrification: A case study of remote communities in Bolivia", *Energies*, vol. 13, no. 877, 2020. *(Published by MDPI, Science Citation Index Journal).*

4. Hau VB, **Husein M,** Kang HK, Chung IY, "Optimal design for a campus microgrid considering ESS discharging incentive and financial feasibility", *Journal of Electrical Engineering and Technology*, vol. 14, pp. 1095-1107, 2019. *(Published by Springer, Science Citation Index Journal).*

5. Zafar R, Ba Hau Vu, **Husein M**, Chung IY, "Day-Ahead Solar Irradiance Forecasting Using Hybrid Recurrent Neural Network with Weather Classification for Power System Scheduling", *Applied Sciences*, vol. 11, no. 15, 2021. (*Published by MDPI, Science Citation Index Journal).*

6. Hau VB, **Husein M,** Chung IY, Won DJ, Torre W, Nguyen T, "Analysing the impact of renewable energy incentives and parameter uncertainties on the financial feasibility of a campus microgrid", *Energies*, vol. 11, no. 2446, 2018. *(Published by MDPI, Science Citation Index Journal).*

7. Biyik E, **Husein M,** "Damping wide-area oscillations in power systems: a model predictive control design", *Turkish Journal of Electrical Engineering & Computer Science*, vol. 26, pp. 467-478, 2018. *(Published by TUBITAK, Science Citation Index Journal).*

8. **Husein M,** Hau VB, Chung IY, Chae WK, Lee HJ, "Design and dynamic performance analysis of stand-alone microgrid - A case study of Gasa Island, South Korea", *Journal of Electrical*

Engineering and Technology, vol. 12, pp. 1777-1788, 2017. *(Published by Springer, Science Citation Index Journal).*

9. Ahmed A, **Husein M,** Secmen M, "Smart antenna system implementation under multipath propagation using JADE-MVDR and LMS algorithms", *Covenant Journal of Information and Communication Technology*, vol. 3, no. 1, 2015. *(Published by Covenant University).*

10. **Husein M,** A pathway to sustainable rural electrification in Nigeria*, Journal of Technology, Abubakr Tafawa Balewa University, Bauchi,* In press, 2023.

11. **Husein M,** Dodo UA, Evaluating the value of net-metering on the economics of grid-connected microgrids in Nigeria, *Ahmadu Bello University, Zaria,* Under review, 2023.

12. **Husein M**, Girona MM, Falchetta G, Stevanato N, Fahl F, Szabor S, The impacts of incentive policies on improving private investment for rural electrification in Nigeria – a geospatial study, *Energy Policy*, In Press.

13. **Husein M,** Rufa'I N, Zafar R, Chung IY, The impact of forecast-based operating strategy on the design and economics of off-grid microgrids: A case study for Peleliu Island, Palau, *Energy for Sustainable Development*, Under Review.

14. **Husein M**, Girona MM, Falchetta G, Stevanato N, Fahl F, Szabor S, Sustainable healthcare electrification in Nigeria, *Energy for Sustainable Development*, Under review.

LOCAL AND INTERNATIONAL PEER REVIEW CONFERENCES

1. **Husein M,** Chung IY, "Short-term forecasting of electricity consumption for commercial and residential microgrids using deep recurrent neural network", *Korea Institute of Electrical Engineers Spring Conf.*, Jeju, Korea, April 25-27, 2019.

2. **Husein M,** Kim JW, Chung IY, "Optimal design of campus microgrid with demand response dispatch algorithm", *Proc. IEEE PES Innovative Smart Grid Technologies Conf*., Washington D.C., April 23-26, 2017.

3. Hau VB, **Husein M,** Chung IY, Cho JT, "Design of a grid-connected campus microgrid considering energy efficiency and financial feasibility", *CIRED Workshop*, Ljubljana, Slovenia, June 7-8, 2018.

4. **Husein M,** Chung IY, "Evaluating investment in grid-connected microgrid under policy and technology risks", *International Conf. on Electrical Machines and Systems*, Jeju, Korea, October 7-10, 2018.

5. **Husein M,** Chung IY, "Impact of solar power and load demand forecast uncertainty on the optimal operation of microgrid", *IEEE PES Power Africa Conf*., Abuja, Nigeria, August 20-23, 2019.

6. Won GH, **Husein M,** Trinh PH, Kang HK, Chung IY, "Maximizing hosting capacity of distributed generation through voltage control by load demand and renewable energy forecast based on recurrent neural network", *International Council on Electrical Engineering Conf*., Hong Kong, July 2-6, 2019.
7. Kim JW, **Husein M,** Chung IY, "Microgrid Optimal design using various electricity tariffs", *Korea Institute of Electrical Engineers Winter Conf*., Gwanju, Korea, November 2016.

8. **Husein M,** Kim JW, Chung IY, "Optimal design of stand-alone microgrid minimizing fuel consumption", *Korea Institute of Electrical Engineers Summer Conf*., Pyeongchang, South Korea, July 2016.

9. Hai TP, Thinh HV, **Husein M**, Chung IY, "Forecasting Electric Vehicle Charging Demand Using Long-Short Term Memory Recurrent Neutral Network", KIEE Summer Conference, Korea, July 2019.

10. Zafar R, **Husein M,** Sim JS, Chung IY, "Hybrid LSTM-RNN approach for day-ahead solar irradiance forecasting for power system scheduling", KIEE Summer Conference, Busan, July 2020.

11. Shehu GS, Musa MY, **Husein M**, Bello AM, Jibril Y, "Investigation of ultrathin transverse magnetic surface plasmon polariton of monolayer graphene Properties", International Conference on Electrical Engineering Applications, ABU Zaria, Nigeria, August 2020.

12. Zafar R, **Husein M,** Chung IY, "Impact of operating strategies of distributed energy resources on economic design for stand-alone microgrid in rural areas", IEEE PES Innovative Smart Grid Technologies Asia Conference, Perth, Australia, November 2020.

13. Zafar R, **Husein M,** Chung IY, "Energy Mix Design and Power System Analysis of Stand-alone Microgrid in Peliliu Island", Proceedings of the Korean Institute of Electrical Engineers conference, Gwanju, April 2019.

14. Ahmad A, Secmen M, **HUSEIN** M, The effectiveness of JADE based minimum variance distortionless response algorithm for DOA estimation and adaptive beamforming in multipath smart antenna application, IEEE 6th International Conference on Adaptive Science & Technology (ICAST), Ogun, October 2014.

KOOKMIN UNIVERSITY

Kookmin University, in accordance with the recommendation of the President and of the Faculty of the Graduate School and by authority of the Board of the School, hereby confers upon

HUSEIN MUNIR AMINU

the Degree of

Doctor of Philosophy in Electronics Engineering

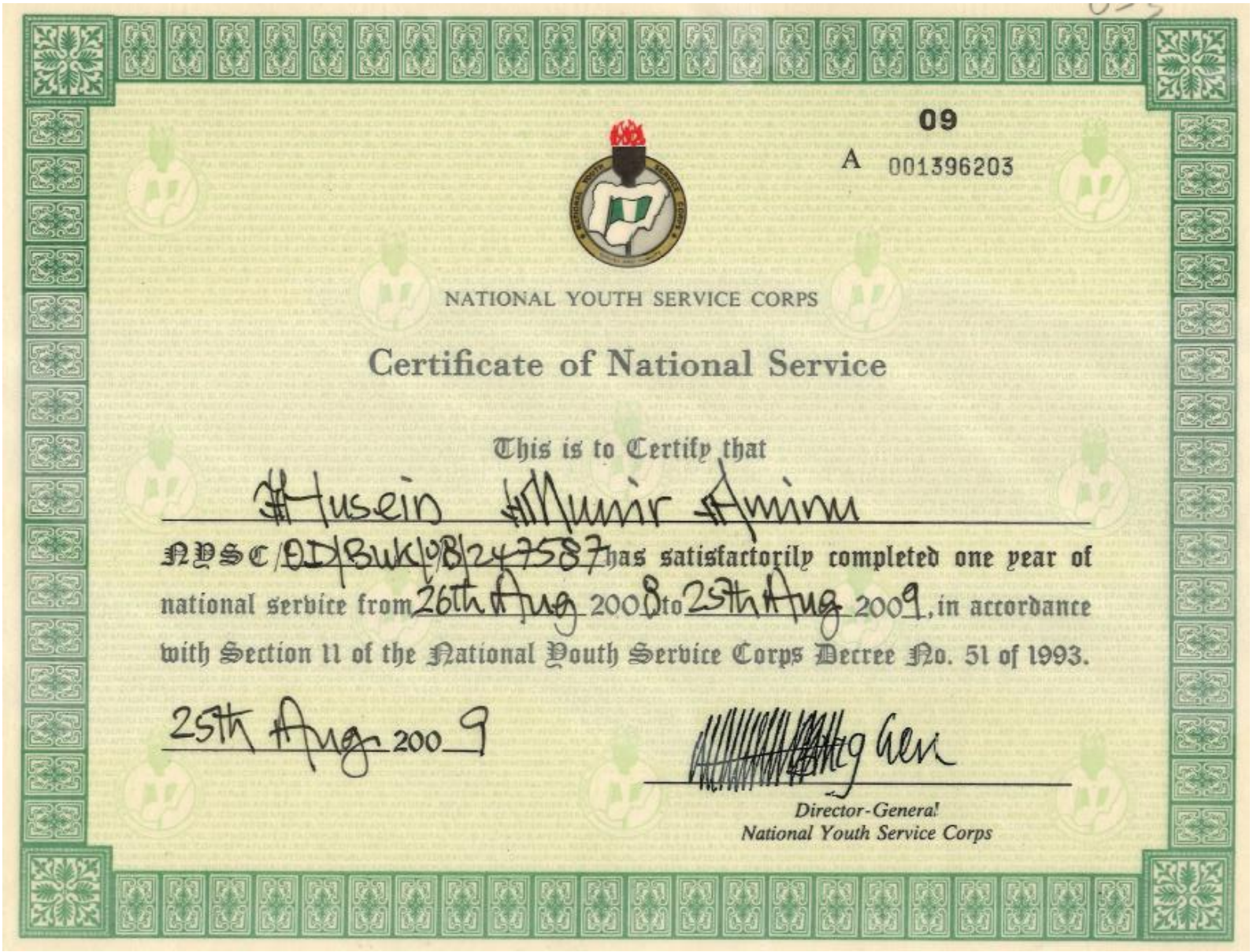
with all the Rights, Privileges, and Dignities appertaining to that Degree.

Given at Kookmin University, Seoul, Korea

February 19, 2020

RYOO, JAE WOO
Dean of the Graduate School

YIM, HONG JAE
President of the University



09

A 001396203

NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Husein Munir Aminu

NYSC/01/Buk/08/247587 has satisfactorily completed one year of national service from 26th Aug 2008 to 25th Aug 2009, in accordance with Section 11 of the National Youth Service Corps Decree No. 51 of 1993.

25th Aug 2009

Director-General
National Youth Service Corps

COREN

070633

ESTABLISHED BY DECREE 55 OF 1970, AMENDED BY DECREE 27 OF 1992 AND ENGINEERS (REGISTRATION, ETC) ACT CAP E11/2004, FURTHER AMENDED BY THE ENGINEERS (REGISTRATION, ETC) (AMENDMENT) ACT NO.3, 2018

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Munir Aminu Husein

has been duly Registered by the Council for the Regulation of Engineering in Nigeria, and is hereby authorised to practise within the Federal Republic of Nigeria as

Electrical Engineer

(R.66,737)

and to use before his/her name the designation

ENGR.

Dated 24th day of March 20 22

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

CV OF THE CHIEF OPERATING OFFICER

Nabila Ahmed Rufa'I
nabilarufai@gmail.com
08036790094

Educational Background

Doctor of Philosophy in Electronic and Electrical Engineering, University of Leeds, United Kingdom

Chartered Institute of Environmental Health (CIEH) Level 2 Award in Health and Safety in the Workplace, University of Leeds, United Kingdom

Master of Science in Electrical Engineering and Renewable Energy Systems, University of Leeds, United Kingdom

B.Eng Electrical Engineering, Bayero University Kano, Nigeria

Sustainable Energy Engineer

Analytical and detail-oriented professional with extensive experience in developing and analysing energy-related projects or programmes to reduce energy costs or improve energy efficiency.

— Key Qualifications —

- Proven success in project planning, evaluation and implementation using effective methods while analysing system deficiencies and providing solutions to improve workflow processes.
- Excellent research, editing and technical review capabilities in relation to energy, sustainable development goals and climate change with advanced data analytics, quantitative and statistical skills.
- Demonstrated experience in preparation and presentation of technical documentation to diverse and high level expert audiences at conferences and workshops, with excellent writing and communication skills.
- Excellent knowledge of current research trends in energy and sustainable development.
- Expert in excelling at challenging tasks under pressure, while developing new ways to accomplish assigned duties. Keen learner, learning new systems and processes immediately while exhibiting high-performance standards and integrity.
- Excellent interpersonal skills; ability to get along with diverse personalities within a team while exhibiting versatility, adaptability and professional attitude within multicultural and diverse environments.

Professional Experience

Independent Consultancy

Sustainable Energy Researcher, 2019 to Present

Collected, analysed, interpreted and researched data on clean energy generation in Kano State of Nigeria with a focus on attaining and ensuring alignment with sustainable development goals,

particularly SDG7, SDG9, SDG11, and SDG13. Fostered everlasting relations with internal and external stakeholders while developing strategies, initiatives, and events to promote products and services.

- Performed Levelised Cost of Energy (LCOE) comparative analysis of various energy sources, for years 2015 and 2018, revealing a 38% decrease in cost for solar photovoltaics and 30% decrease for offshore wind systems.
- Performed carbon footprint calculations for commercial and private buildings, providing low carbon solutions such as installation of solar photovoltaic systems.
- Led technical analysis, design, installation and load scheduling of a 1 kW solar photovoltaic generator for Maigoro Farms Limited in Jigawa State of Nigeria.
- Current research involves assessing the challenges of deploying low carbon energy sources in sub-Saharan Africa for economic development and energy transformation by analysing government policies.

Bayero University Kano

Lecturer, 2019 to Present

Drafted and delivered efficient course presentations, lecture notes, and undergraduate student modules on renewable energy systems, electric power systems and power electronics. Supported newly admitted students through documentation and registration processes. Administered departmental meetings, examinations, along with the collation and processing of results while preparing examination time tables with a focus on ensuring student growth and achievement. Adapted teaching methods and instructional materials to meet students' varying needs and interests.

- Successfully taught a class of 30 students in Renewable Energy Engineering, attaining a pass rate of 90%.
- Assisted in the formation of the Renewable Energy research group in the Faculty of Engineering.
- Supported with the development of an improved undergraduate curriculum to include relevant software learning.
- Conducted lectures using audio and visual methods to cater for students with different representational systems.

University of Leeds

Laboratory Assistant, 2017 to 2019

Monitored, co-ordinated, and assisted laboratory sessions on renewable energy for Master's students while ensuring compliance with defined procedures and requirements. Simulated solar cell characteristics using the Newton Raphson iteration. Managed the development of computer aided design and control of a dynamic solar energy system. Designed the simulation of the performances of a wind energy system connected to an established grid system with variable speed control for the wind turbine system.

- Co-ordinated the prompt collation and preparation of 75 laboratory reports for Microgrid Laboratory sessions.
- Designed a Lead-Lag compensator for a control plant that eliminated steady state error from 20%.

University of Leeds

Doctoral Researcher, 2014 to 2019

Specifically focused on designing detailed models for a hybrid distributed generation system consisting of biomass and solar photovoltaic energy systems using advanced software including MATLAB/Simulink and GAMS. Analysed the typical disturbances affecting distributed generators,

particularly grid variations, load perturbations, unbalanced load currents, and unbalanced grid voltages. Formulated novel algorithms to control and protect the distributed generation system effectively, including an adaptive notch filter (ANF) for damping the resonance effect of a grid converter's LCL filter under dynamic grid conditions and a constrained optimised flexible power control (COFPC) method of generating reference currents for a solar photovoltaic distributed generator under unbalanced grid voltages.

- Developed and realised the COFPC method that decreased active power fluctuations by an average of 46%.
- Implemented ANF technique that resulted in reducing distortions in the solar generator current output from an average of 84% to 0.96%.
- Attained 72% increase in gain margin from base values and less than 1% harmonic distortion in solar PV current output by planning and designing a notch filter.
- Developed an unbalanced load compensation scheme by modifying the control structure of the solar photovoltaic inverter to generate negative sequence currents, decreasing current distortions from 1.7% to 0.1%.

Bayero University Kano

Assistant Lecturer, 2012 to 2014

Drafted and assisted in the preparation of presentations for undergraduate courses, including Electric Power Engineering and Sustainable Energy Processes modules.

- Organised workshop on 'Problem Solving with Mind Mapping' for 100 undergraduate students.
- Grade assessment of students during tests and examinations.
- Trained undergraduate students in building mathematical models of electrical power systems including grid protection and control using MATLAB/Simulink software.

Leon Projects Nigeria Ltd

Renewable Energy Engineer, 2010 to 2012

Responsible for evaluating energy use and providing efficient solutions for residential and commercial housing projects. Provided technical advice on efficient and sustainable energy practices to customers by performing comprehensive energy assessments and audits.

- Provided technical analysis, design and installation of solar power systems for residential properties, resulting in an average saving of 25% in cost of electricity.
- Provided draft design proposals for commercial solar installations.
- Monitoring and evaluating of energy resource performance of residential buildings.
- Conducted research on the socioeconomic importance of improving electricity access in Nigeria.

MBS Engineering Limited

Electrical and Mechanical Building Services Design Engineer (Intern), 2008 to 2009

Assisted in the design of electrical lighting schedules, distribution board balancing and water supply and drainage services for private and public customers.

- Performed electrical energy service design and load scheduling for the main campus of Maitama Sule University, Kano, Nigeria

Professional Affiliations

- Senior Member, Institute of Electrical and Electronics Engineers (IEEE)

- Associate Member, The Energy Institute, UK
- Member, World Society of Sustainable Energy Technologies (WSSET)
- Member, Women Techmakers

Honours & Awards

- Exxon Mobil Scholarship, Nigeria (2005-2008)
- Petroleum Technology Development Fund Master's Scholarship, Nigeria (2012-2013)
- Tertiary Education Trust Fund PhD Scholarship, Nigeria (2014-2018)
- British Federation for Women Graduates Grant, United Kingdom (2018-2019)

CV OF CHIEF CONSULTANT

Usman Alhaji Dodo
aduthman@gmail.com
+234806 787 3210

Education	
2019-2023	**University of Abuja,** Abuja, Federal Capital Territory, Nigeria Ph.D. Electrical Power and Machine Engineering
2015-2018	**Federal University of Technology,** Minna, Niger State, Nigeria M.Eng. Electrical/Electronic Engineering (Electrical Power and Machines) **(CGPA = 4.23/5.00)**
2007-2012	**Bayero University, Kano,** Kano State, Nigeria. B.Eng. Electrical Engineering **(Second Class Upper; CGPA = 4.22/5.00)**
2004-2006	**Niger State Polytechnic**, Zungeru, Nigeria National Diploma in Electrical Engineering Technology **(Upper Credit; CGPA = 4.27/5.00)**
1998-2004	**Government Technical College,** Eyagi Bida, Niger State. National Technical Certificate in Electrical Installations and Maintenance
1992-1998	**Umaru Sanda Primary School,** Bida, Niger State First School Leaving Certificate

Professional Experience	
08.2022 –date	**Baze University Abuja,** FCT, Nigeria **Lecturer I:** Teaching, Research, & Community Service; Supervision of undergraduate and postgraduate students' dissertations; coordinating/Supervision of undergraduate laboratory/practical activities; establishing collaboration with industries, and mentoring graduate students on research
11.2019 – 08.2022	**Baze University Abuja,** FCT, Nigeria **Lecturer II:** Teaching, Research, & Community Service; Coordinating/Supervision of undergraduate laboratory/practical activities; and mentoring undergraduate students
12.2015 -12.2019	**Abuja Electricity Distribution Company (AEDC) Plc,** Zone 4, Abuja, Nigeria **Metering Engineer:** Pre-metering Inspection; Installation, Commissioning/Certification, and Maintenance of high-voltage and low-voltage metering systems; quality assurance and metering audit; and supervision and coordination of metering activities.
05.2014- 03.2015	**National Power Training Institute of Nigeria (NAPTIN),** Abuja, Nigeria **Graduate Trainee:** Distribution network development; operations and maintenance of switchgears; commissioning of distribution/injection substations; protection, control, and metering of distribution networks.

05.2012 -04.2014	**Usrah International School,** Bida, Niger State, Nigeria **Teacher/Examination Officer:** Teaching and mentoring, and coordination of examination activities.
11.20112– 3.2013	**Ministry of Works, Transport and Housing,** Lafia, Nasarawa State, Nigeria National Youth Service Corps (NYSC) Supervision of maintenance of Electrical Installations and Street lighting
01.2011 – 3.2011	**BidaPoly Consult Computer Training Institute** Bida, The Federal Polytechnic Bida, Niger State, Nigeria. **Industrial Training Scheme:** Computer hardware maintenance; Tutoring of Computer Trainees; and Production of students' Identity Cards
10.2010 -12.2010	**Power Holding Company of Nigeria (PHCN),** Bida Business Unit, Bida, Niger State **Industrial Training Scheme:** Maintenance of substations, Electric Fitters, Cable Jointing, and Revenue Drives

Professional Membership

2022, Member, Institute of Electrical and Electronics Engineers (97014926)
2018, Engineer, Council for the Regulation of Engineering in Nigeria (R46,295)
2018, Member, Nigerian Society of Engineers (48,579)
2013, Member, Nigerian Institute of Management (20,9087)

Administrative Functions

Coordinator	Workshop and Capacity Building, Department of Electrical and Computer Engineering Baze University, Abuja, FCT, Abuja.
Member	Faculty of Engineering Board of Studies
Member	Faculty of Engineering Research and Innovation Team, Baze University, Abuja, FCT, Ab
Member	Faculty of Engineering Central Accreditation Committee, Baze University, Abuja, FCT,
Board Member	Departmental Postgraduate Studies, Electrical and Computer Engineering Departmen Baze University, Abuja, FCT, Abuja
Level Adviser	Department of Electrical and Computer Engineering, Baze University, Abuja, FCT, Abu
Lab Coordinator	Department of Electrical and Computer Engineering, Baze University, Abuja, FCT, Abu

Leadership Responsibility

2018-2019, Regional Team Lead - Metering, Abuja Electricity Distribution Company Plc, FCT North Regional Office Gwarinpa, Abuja, FCT, Nigeria – **Coordination of metering activities of five operational Area Offices of Life Camp, Bwari, Gwarinpa, Katampe, and Kubwa.**

2016-2019, Metering Engineer, Abuja Electricity Distribution Company Plc, Life Camp Area Office, Life Camp,

Abuja, FCT, Nigeria. – **Supervision of meter installations; metering systems commissioning and certifications and retrofitting/acquisition of maximum demand meters on the AMR platform.**

Power Projects Implemented

2019, Meter Asset Provider (MAP), Abuja Electricity Distribution Company Plc, Gwarinpa Area Office, Gwarinpa, Abuja, FCT, Nigeria –**Site verification, Certification and maintenance of meters, and Supervision of meter installations.**

2018, Mass Metering Project, Abuja Electricity Distribution Company Plc, Life Camp Area Office, Life Camp, Abuja, FCT, Nigeria – **Certification and maintenance of meters, and Supervision of meter installations.**

2016-2017, Credited Advanced Payment for Metering Implementation (CAPMI), Abuja Electricity Distribution Company Plc, Life Camp Area Office, Life Camp, Abuja, FCT, Nigeria **– Certification and maintenance of meters, supervision of meter installations, and pre-metering inspection.**

Grant/Research Collaboration

2023- date	**Senior Research Fellow** Centre for Clean Energy & Climate Change, Baze University Abuja, FCT, N
2020-2021	**Team Member** Development of Virtual Laboratory (VLab) for Science and Engineerin Royal Academy of Engineering (RAEng), London with Project ID: HEP/SSA

Training with Dates

2023, Research Proposal Writing & Grants Management Capacity Building Workshop, College of Engineering, Science, Technology, and Agriculture, Central State University, Wilberforce, Ohio, USA.

2021, Design Thinking Workshop, Virtual Lab (VLab) for Sciences and Engineering, supported by the Royal Academy of Engineering (RAEng), London with Project ID: HEP/SSA/129, IBBUL Guest House, Minna, Niger State.

2019, 28th Engineering Assembly, Council for the Regulation of Engineering in Nigeria (COREN), International Conference Centre, Abuja.

2018, Abuja Electricity Distribution Company (AEDC) Plc, Distribution System Operation and Authorisation (DSOA) Training

2018, The Nigerian Society of Engineers (NSE), A-3 Day Mandatory Continuing Professional Education Course for Prospective Corporate Members (MCPE).

2018, The Nigerian Society of Engineers (NSE), A-5 Day Intensive Workshop and Training for September 2018 Prospective Corporate Members.

2016, Abuja Electricity Distribution Company (AEDC) Plc, Training on Automated Meter Reading/Advanced Metering Infrastructure, Meter Specifications and Commissioning, and Prepayment, Credit, and Maximum Demand Meter Installations.

2015, NAPTIN Graduate Skills Development Programme (NGSDP), National Power Training Institute of Nigeria (NAPTIN), Abuja.

2015, In-Plant Training on Management Appreciation and Leadership Orientation for Young

Professional Engineers, Centre for Management Development (CMD), Lagos

2013, Proficiency Certificate in Management, Nigerian Institute of Management (NIM)

2012, Power and Energy Skill Acquisition, NYSC Orientation Camp, Keffi, Nasarawa State.

2004, Labour Trade Test Certificate of Competence (II), Federal Ministry of Labour and Productivity, Abuja.

2004, Federal Craft Certificate, Government Technical College, Eyagi-Bida, Niger State.

Skills

Proficient in installation, commissioning, quality assurance, and maintenance of 1X230V, 415V, 11kV, and 33kV metering infrastructures. Wide experience in computer word processing; good managerial skills and interpersonal relationships; appreciable skills in electricity distribution network development; operations and maintenance of switchgear; and protection and control of power systems components.

Computer Applications

HOMER; Eviews; MATLAB; OriginLab; and Microsoft Office Applications: Microsoft Excel, Microsoft PowerPoint;

Thesis

2023 – Modelling Waste-to-Energy Plants Integration into Grid-Connected Hybrid Renewable Energy Systems using Intelligent Computer Algorithms.

Ph.D. Thesis, Department of Electrical and Electronic Engineering, University of Abuja, FCT, Nigeria.

2017, Evaluation of Aggregate Technical, Commercial, and Collection Losses in a Typical Radial Distribution System

MEng. Thesis, Department of Electrical/Electronics Engineering, Federal University of Technology, Minna, Niger State.

2016, Design and Implementation of Low-Pass Filter for Use in a Transformerless Inverter

MEng. mini-project, Department of Electrical/Electronics Engineering, Federal University of Technology, Minna, Niger State.

2012, Design and Construction of Electric Stove and Boiling Ring Automatic Control System

BEng. Project, Electrical Engineering Department, Bayero University Kano

Research Indices

Scopus: https://www.scopus.com/authid/detail.uri?authorId=57224184525

- Citation: 56
- h-index: 4

Web of Science: https://www.webofscience.com/wos/author/record/AEX-4999-2022

- Citation: 21
- h-index: 3

Google Scholar: https://scholar.google.com/citations?user=WnJ7oZ4AAAAJ&hl=en&authuser=1

- Citation: 89
- h-index: 6

- i10th index: 2

Research Gate: https://www.researchgate.net/profile/Usman-Dodo

- Research Interest Score: 133.3
- Citation: 93
- h-index: 6

List of Publications

Articles in Learned Journals

(1) Dodo, U. A., Dodo, M. A., Belgore, A. T., Husein, M. A., Ashigwuike, E. C., Mohammed, A. S., & Abba, S. I. (2024). Comparative study of different training algorithms in backpropagation neural networks for generalized biomass higher heating value prediction. *Green Energy and Resources*, *2*(1), 1–13. **Elsevier.** https://doi.org/10.1016/j.gerr.2024.100060. **(Q4-Q1)**

(2) Salami, B. A., Abba, S. I., Adewumi, A. A., **Dodo, U. A.,** Otukogbe, G. K., & Oyedele, L. O. (2023). Building energy loads prediction using bayesian-based metaheuristic optimized-explainable tree-based model. *Case Studies in Construction Materials*, *19*, 1–23. **Elsevier.** https://doi.org/10.1016/j.cscm.2023.e02676. (**Q4-Q1).**

(3) Mohammed, A. S., Sikiru, T. H., Bello, I., Salawudeen, A. T., & **Dodo, U. A.** (2023). Modified Fractional Order PID Controller for Load Frequency Control of Four Area Thermal Power System. *International Journal of Robotics and Control Systems*, *3*(2), 187–205. https://doi.org/10.31763/ijrcs.v3i2.957. (**Q4-Q1)**

(4) **Dodo, U A,** Dodo, M. A., Shehu, A. F., & Badamasi, Y. A. (2023). Performance Analysis of Intelligent Computational Algorithms for Biomass Higher Heating Value Prediction. *Nigerian Journal of Technological Development*, *20*(4), 44–52. (**Q4-Q1)**

(5) **Dodo, U. A.,** & Ashigwuike, E. C. (2023a). In-depth physico-chemical characterisation and estimation of the grid power potential of municipal solid wastes in Abuja city. *Energy Nexus*, *10*, 1–9. **Elsevier**. https://doi.org/10.1016/j.nexus.2023.100192. (**Q4-Q1)**

(6) **Dodo, U. A.,** & Ashigwuike, E. C. (2023b). Techno-economic and environmental analysis of utility-scale hybrid renewable energy system integrating waste-to-energy plant to complement an unreliable grid operation. *Energy, Ecology and Environment*, 1–18. **Springer.** https://doi.org/10.1007/s40974-023-00276-7. (**Q4-Q1)**

(7) **Dodo, U. A.,** Ashigwuike, E. C., & Abba, S. I. (2022). Machine learning models for biomass energy content prediction: A correlation-based optimal feature selection approach. *Bioresource Technology Reports*, *19*(101167), 1–10. **Elsevier.** https://doi.org/10.1016/j.biteb.2022.101167. (**Q4-Q1)**

(8) **Dodo, U. A.,** Ashigwuike, E. C., & Emechebe, J. N. (2022a). Techno-economic Evaluation of Municipal Solid Waste-Fueled Biogas Generator as a Backup in a Decentralized Hybrid Power System. *Process Integration and Optimization for Sustainability*, 1–16. **Springer.** https://doi.org/10.1007/s41660-022-00223-9. (**Q4-Q1)**

(9) **Dodo, U. A.,** Ashigwuike, E. C., Emechebe, J. N., & Abba, S. I. (2022). Prediction of energy content of biomass based on hybrid machine learning ensemble algorithm. *Energy Nexus*, *8*, 1–15. **Elsevier.** https://doi.org/10.1016/j.nexus.2022.100157. (**Q4-Q1)**

(10) **Dodo, U. A.,** Belgore, A. T., Abubakar, I. N., Ilyasu, F. B., Dodo, M. A., & Mohammed, A. S. (2022). Analysis of installation errors of a low-voltage current transformer operated energy meter using in-service data. *Uniabuja Journal of Engineering and Technology*, *1*(2), 39–58.

(11) **Dodo, U. A.,** Ashigwuike, E. C., & Eronu, E. M. (2021). Renewable Energy Readiness in Nigeria: A Review Focusing on Power Generation. *Uniabuja Journal of Engineering and Technology*, *1*(1), 115–144.

(12) Ufot, E. G., Abubakar, I. N., **Dodo, U. A.,** E., O. O., & Dodo, M. A. (2021). Design and development of a smart lighting point and temperature control system. *Zaria Journal of Electrical Engineering Technology*, *10*(1), 135–143.

(13) Abubakar, I. N., Ufot, E. G., **Dodo, U. A.,** Okosun, O. E., Dodo, M. A., & Babalola, O. (2021). Internet of Thing (Iot) Based Office Automation. *Zaria Journal of Electrical Engineering Technology*, *10*(1), 12–18.

(14) Abubakar, I. N., **Dodo, U. A.,** Umar, A., Idoko, J. A., & Babatunde, U. A. (2020). Design and Implementation of Digital Home Power Consumption Controller with Overvoltage Protection. *International Journal of Information Processing and Communication*, *8*(3), 18–26.

(15) Abubakar, I. N., Idoko, J. A., **Dodo, U. A.,** Umar, A., Zarmai, J. T., Abubakar, M., & U. Ndagi. (2020). Design and Implementation of a 1.5 kVA Solar Powered Mobile Inverter. *Journal of Sciecnce Technology and Education*, *8*(3), 12–23.

(16) Abubakar, I. N., Tsado, J., **Dodo, U. A.,** Ufot, E. G., Zarmai, J. T., Dodo, M. A., Ibrahim, & Suleiman. (2020). Development of a Microcontroller-Based Power Transformer Overload Protection Scheme. *Journal of Sciecnce Technology and Education*, *8*(1), 360–371.

(17) **Dodo, U. A.,** Nwohu, M. N., Abubakar, I. N., & Dodo, M. A. (2020). Appraisal of aggregate technical, commercial and collection losses in nigerian electricity distribution system. *Nigerian Journal of Technological Development*, *17*(4), 286–294. https://doi.org/10.4314/njtd.v17i4.6. **(Q4-Q1)**

(18) **Dodo, U. A.,** Ashigwuike, E. C., Gafai, N. B., Eronu, E. M., Sada, A. Y., & Dodo, M. A. (2020). Optimization of an Autonomous Hybrid Power System for an Academic Institution. *European Journal of Engineering Research and Science*, *5*(10), 1160–1167. https://doi.org/10.24018/ejers.2020.5.10.2157.

(19) Nwohu, M. N., Mohammed, A. S., & **Dodo, U. A.** (2017). Methodology for Evaluation of Aggregate Technical, Commercial and Collection (ATC & C) Losses in a Typical Radial Distribution System. *International Journal of Research Studies in Electrical and Electronics Engineering*, *3*(2), 1–10. https://doi.org/10.20431/2454-9436.0302001

Articles in Conference Proceedings

(1) **Dodo, U. A.,** Ashigwuike, E. C., & Emechebe, J. N. (2022b). Municipal Solid Waste Generation Forecast using an ARIMA Model : A Focus on Abuja City, Nigeria. *2022 IEEE Nigeria 4th International Conference on Disruptive Technologies for Sustainable Development (NIGERCON)*, 1–5. https://doi.org/10.1109/NIGERCON54645.2022.9803108

(2) **Dodo, U. A.,** Ashigwuike, E. C., & Emechebe, J. N. (2022c). Optimization of Standalone Hybrid Power System Incorporating Waste-to-electricity Plant: A Case Study in Nigeria. *2022 IEEE Nigeria 4th International Conference on Disruptive Technologies for Sustainable Development (NIGERCON)*, 1–5. https://doi.org/10.1109/NIGERCON54645.2022.9803081

(3) Saba, A. M., Sikiru, T. H., Bello, I. A., & **Dodo, U. A.** (2021). Improved frequency Control of one and two areas power system with nonlinearities using grasshopper optimization based fractional PID controller. *1st ICEECE & AMF (2021)*, 42–51. https://eeeuicon2021.org/wp-content/uploads/2022/06/042051-Saba.pdf

Undergraduate taught modules

- EEE309 Electromechanical Devices and Machines I

- GEC403 Technical Communication
- EEE403 Numerical Methods II
- EEE409 Laboratory Practicals
- EEE501 Reliability and Maintenability Engineering
- EEE507 Power Systems Engineering
- EEE508 Power Systems Communication and Control
- EEE509 Electromechanical Devices Design
- TLE504 Telecommunications Engineering

Postgraduate taught modules

- EEE711 Electrical Machines
- EEE713 The Engineer in Society
- EEE803 Advanced Power System Analysis
- EEE806 Relays and Power System Protection
- EEE805 Power Systems Operation, Planning, and Control

Undergraduate Project Supervision

- Sharon Ochije Nkechi (BU/20A/ENG/4340) "Hydro-electricity Generation Forecast Using an ARIMA Model". ***BEng Research Project, Baze University Abuja, 2023: Completed***
- Omotolani Michael Ajayi (BU/19C/ENG/3963)**. "**Investigating Techno-Economic Potential of Hybrid Renewable Energy System for the Baze University Students' Hostel". ***BEng Research Project, Baze University Abuja, 2023: Completed***
- Chidiebere Enemoh (BU/20C/ENG/4475). "Design, construction, and installation of 400 VA Standalone Solar Photovoltaic Systems". ***BEng Research Project, Baze University Abuja, 2023: Completed***
- Abubakar Sadiq Ismail (BU/18C/ENG/3426). "Assessment of Electrical Energy Consumption in Residential Buildings in Abuja" ***BEng Research project, Baze University Abuja, 2022: Completed***
- David Chukwuebuka Obi (BU/18B/ENG/3197). "Optimal Design and Feasibility of a Campus Microgrid for Baze University". ***BEng Research Project, Baze University Abuja, 2022: Completed***
- Muhammad Sani Muhammad (BU/18C/ENG/3348). "Design and Construction of 1 kVA Inverter". ***BEng Research Project, Baze University Abuja, 2022: Completed***

Community Development Service

01.2024 – date **Treasurer**
Ali-Ashana Community Development Association Dakwa (ACDAD)
Ali-Ashana Area, Dakwa Village, Tafa Local Government, Niger State

06.2021 – date **Member, Electricity Committee**
Ali Ashana Area, Dakwa Village, Tafa Local Government, Niger State

11.2012 – 10.2013 **Emergency Management Vanguard**
National Emergency Management Agency (NEMA), Lafia, Nasarawa State.

01.2012- date **National Chairman**
Eyagi Old Students' Association (EYOSA-2004), Government Technical College Eyagi Bida, Niger State.

Extra Curricula Activities

Driving and playing soccer

Reviewer:

- Journal of Power Sources **(Elsevier)**
- Knowledge-based Systems **(Elsevier)**
- Electric Power Components and Systems **(Taylor & Francis)**
- Biomass Conversion and Biorefinery **(Springer)**
- Electrical Engineering **(Springer)**
- PLOS ONE
- Computers, Materials & Continua
- Scientific Reports **(Springer)**
- Intelligent Automation & Soft Computing **(Taylor & Francis)**
- Soft Computing **(Springer)**
- UniAbuja Journal of Engineering Technology
- AFRICON 2023, IEEE Conference

NIGERCON 2022, IEEE Conference

UNIVERSITY OF ABUJA

P.M.B. 117
ABUJA, NIGERIA

Vice Chancellor
Professor Abdul-Rasheed Na'Allah
BA (Hons), MA (Ilorin), PhD (Alberta)
Email: abdulrasheed.naallah@uniabuja.edu.ng

Registrar
Yahya I. Mohammed
B.A. (Hons) (ABU), MPA (Unimaid)
E-mail: registrar@uniabuja.edu.ng
y.mohammed@uniabuja.edu.ng

Office of the Registrar

34231

6th December, 2023

STATEMENT OF RESULT

This is to certify that

DODO, Usman Alhaji

with registration number 1850405014

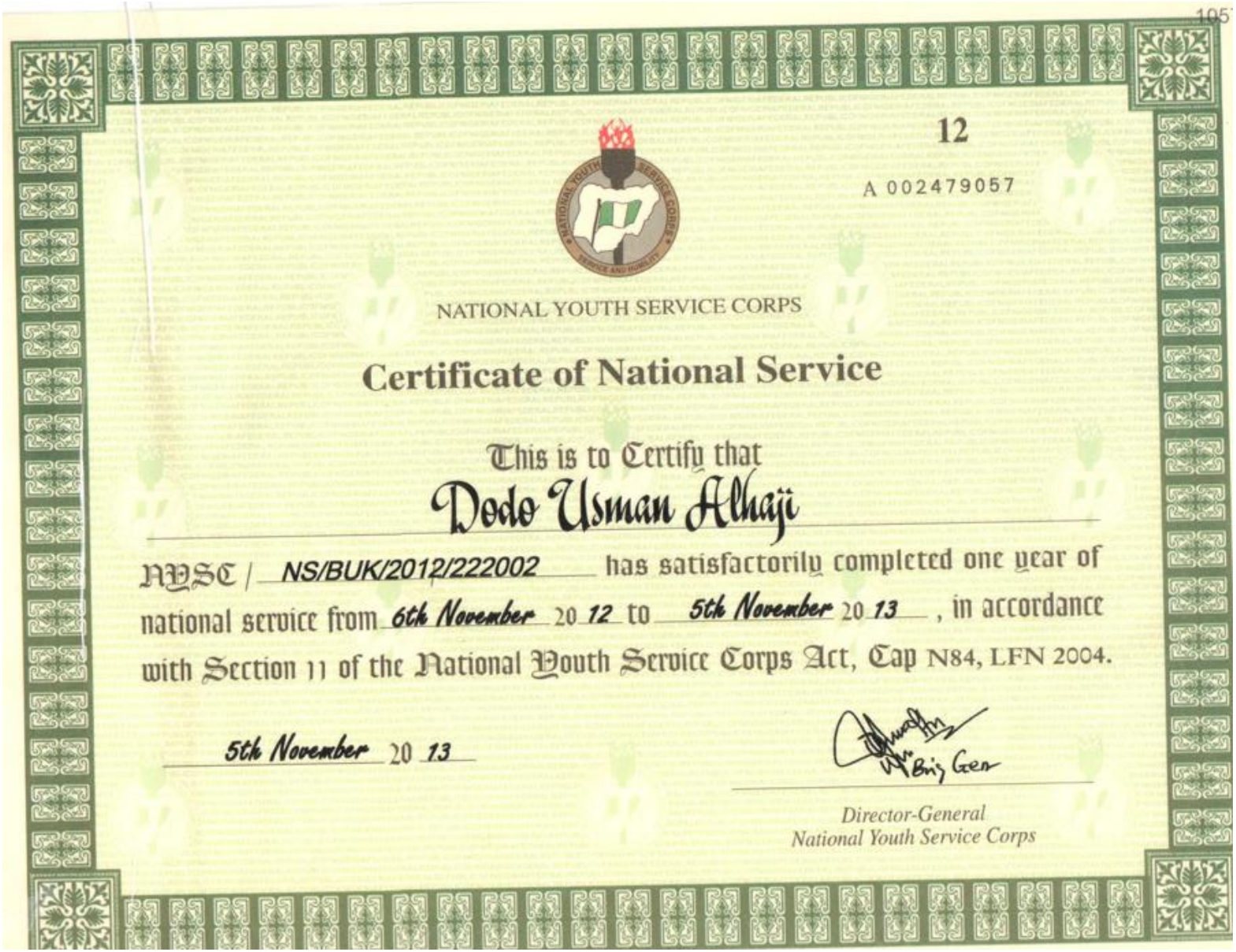
having completed an approved course of study,
and passed the prescribed examinations, has under
the authority of Senate, been awarded

Ph.D. Electrical Power and Machine Engineering

This statement of result is valid for one year only
from the date of issue.

21/09/2023
Date of Award

Alkasim M. Umar
Deputy Registrar (Academic)
For: REGISTRAR



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NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Dodo Usman Alhaji

NYSC / NS/BUK/2012/222002 has satisfactorily completed one year of national service from 6th November 20 12 to 5th November 20 13, in accordance with Section 11 of the National Youth Service Corps Act, Cap N84, LFN 2004.

5th November 20 13

Brig Gen

Director-General
National Youth Service Corps

COREN

040219

ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992, NOW ACT CAP EII/2004

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Usman Alhaji Dodo

has been duly Registered by
the Council for the Regulation of Engineering in Nigeria,
and is hereby authorised to practise
within the Federal Republic of Nigeria as

Electrical Engineer

(R. 46,295)

and to use before his/her name the designation

ENGR.

Dated 20th *day of* December 20 18

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

CV OF CHIEF TECHNICAL OFFICER

ABDULLAHI YUSUF SADA
abdulsada003@gmail.com
+2348066637696

EDUCATION

PhD in Machines and Power, **November 2021 - Date**
University of Abuja, Nigeria
Dissertation: Electrification Planning Using Geospatial Mapping and Machine Learning: A Case Study of Nigeria

MSc in Renewable Energy Engineering, **October 2013 - September 2014**
Cranfield University, Cranfield, UK
Thesis: Increasing Solar Photovoltaic Efficiency Using Tilt Angle Optimization
Group Project: DC-DC Converter Design and Smart Grid of the Vertical Axis Wind Turbine

BSc in Electrical & Control Engineering, **January 2009 - June 2013**
Arab Academy for Science, Technology & Maritime Transport, Cairo, Egypt
Thesis: Design of Electrical and Instrumentation Systems for Large Industrial Projects
Diploma in Arabic, **November 2007 - September 2008**
International University of Africa, Khartoum, Sudan
Senior Secondary School Certificate, **January 2001 - December 2007**
Air Force Military School, Jos, Nigeria
Excelled in Mathematics, Physics, Chemistry and Biology

PERSONAL STATEMENT

Skilled researcher enthusiastic about facilitating advancements in renewable energy and machine learning applications. Passionate about educating and advancing knowledge to drive sustainable growth and needed developments. Looking for a challenging and rewarding position in a dynamic and innovative organization that values research and development in renewable energy, project management, and machine learning. I am confident that I can bring value to the organization by conducting high-quality research, developing novel solutions, and collaborating with other researchers and stakeholders.

KEY ACHIEVEMENTS

- Dive Into Code Machine Learning Introductory Course - **Ongoing**
- Nigeria SE4ALL Project Development Course, Abuja, Nigeria - **March 2023**
- NEMSA Certified Renewable Energy Installation Certificate - Category1 Installer - **March 2022**
- Baze Cisco Academy Networking Training - Introduction to Networking, Abuja, Nigeria - **February 2022**

- 3-Day Continuity Professional Education Course, Abuja, Nigeria - **August 2017**
- Global Thinkers Forum Mentoring Platform - **December 2016**
- Facility Management Course & Capacity Building Training Work, Abuja, Nigeria - **April 2016**
- Project Management Professional Course, Abuja, Nigeria - **April 2016**
- All Energy Conference, Aberdeen, United Kingdom - **May 2014**

CAREER HISTORY

EMDEE Engineering Limited, Abuja, Nigeria **January 2022 - Present**
Consultancy Company
Chief Technical Officer

- Supervising the installation of Solar PV and LAN Upgrade in 25 Nigerian Ministries, Departments, and Agencies, a project worth 19bn Naira
- Coordinating with cross-functional teams to resolve project issues and mitigate risks
- Managing contractors and ensured project timelines and deliverables were met on time and up to standard

Genesis Energy Holdings Limited, Abuja, Nigeria **November 2016 - May 2017**
Energy Company
Field Officer (Part-Time Engagement)

- Participated and engaged in the project development activities of the company
- Collaborated with the project orientation and growth team and the commercial team in renewable energy solutions strategy of the company

International Resources Management Corporation , Kano, Nigeria November 2015 - February 2017
Facilities Management Company
Facility Support Manager

- Accomplished multiple tasks within established timeframes
- Planned and budgeted accurately to provide business with resources needed to operate smoothly
- Managed and motivated over 40 employees to be productive and engaged in work
- Controlled costs to keep the business operating within budget and maximize profits
- Established team priorities, maintained schedules, and monitored performance

National Youth Service Corps, Sokoto, Nigeria **November 2014 - October 2015**
National Service
Youth Coper - Sokoto Energy Research Centre

- Engaged in research in solar energy systems and their applications
- Supported full-time staff in coordinating examinations

Power Holding Company of Nigeria, Niger **July 2011 - August 2011**
Power Company
Intern

- Trained in different engineering departments of the company
- Observed and learned about the overhauling of 300MW generator

Cranfield University

This is to certify that

Abdullahi Yusuf SADA

has been admitted this day to the
Degree of Master of Science
having successfully completed
a programme of studies in

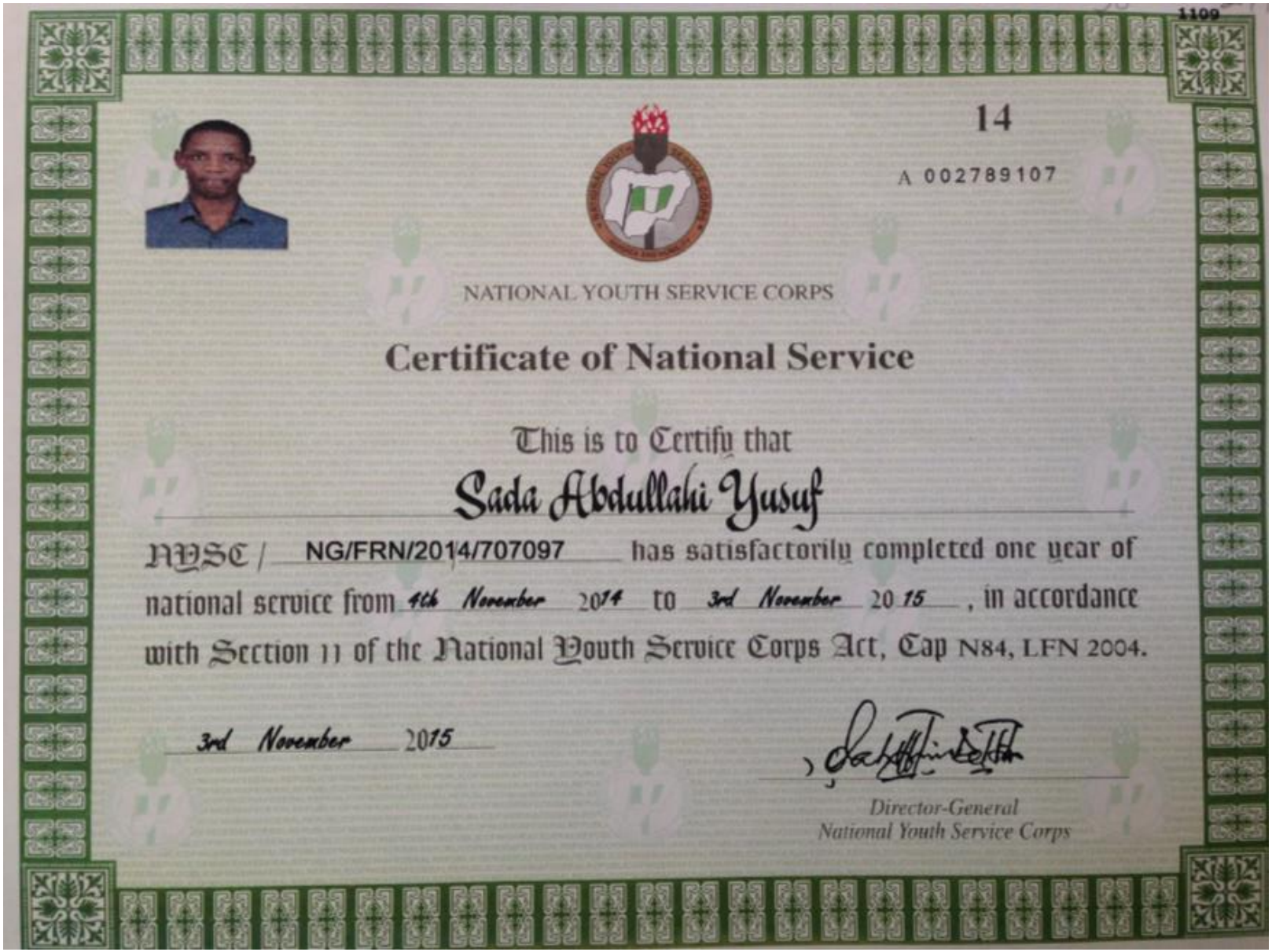
Renewable Energy Engineering

Professor Sir Peter Gregson
Chief Executive and Vice-Chancellor

Dr Matthew Russell
Academic Registrar

Date of completion: 30 September 2014
Date of graduation: 26 June 2015

Cranfield UNIVERSITY



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A 002789107

NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Sada Abdullahi Yusuf

NYSC / NG/FRN/2014/707097 has satisfactorily completed one year of national service from 4th November 2014 to 3rd November 2015, in accordance with Section 11 of the National Youth Service Corps Act, Cap N84, LFN 2004.

3rd November 2015

Director-General
National Youth Service Corps

COREN

041318

ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992, NOW ACT CAP E11/2004

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Abdullahi Yusuf Sada

has been duly Registered by
the Council for the Regulation of Engineering in Nigeria,
and is hereby authorised to practise
within the Federal Republic of Nigeria as

Electrical Engineer

(R. 47,394)

and to use before his/her name the designation

ENGR.

Dated 20th day of December 2018

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

CV OF ADMIN AND FINANCE MANAGER

MARYAM MOHAMMED HASSAN
emheych.mh@gmail.com
+2347038490004

EDUCATION

MSc International Business — Oct 2017 – Feb 2019
The University Of Salford
Greater Manchester
United Kingdom

BSc Business Administration — Oct 2008 – Aug 2012
Gombe State University
Nigeria

Senior Secondary School Certificate — Sept 2002 – Jun 2008
West African Examination Council (WAEC)
Federal Government Girls' Collage Bajoga
Gombe State
Nigeria

Senior Secondary School Certificate — Nov 2002 – Dec 2008
National Examination Council (NECO)
Kwami Community Secondary School
Gombe State
Nigeria

First School Leaving Certificate — Jun 1997 – Sep 2002
Alheri Model School
Gombe State
Nigeria

WORK EXPERIENCE

Senior Administrative Officer/Technical Assistant to Special Adviser| Budget, Planning & Development Partners Coordination Office, Gombe, Nigeria | August 2017 – February 2021

- Coordinated budget planning and financial management activities.
- Oversaw the development and implementation of policies and procedures.
- Established and maintained effective relationships with development partners.

- Conducted financial analysis and prepared reports for senior management.
- Provided leadership and training to administrative staff.
- Utilized IT skills to streamline administrative processes and improve efficiency.

Administrative Officer | Local Government Service Commission, Gombe, Nigeria | August 2013 – August 2017

- Assisted in the coordination of development projects and activities.
- Monitored project budgets and ensured compliance with financial regulations.
- Prepared project progress reports and presented findings to stakeholders.
- Conducted research and analysis to support policy development.
- Supported administrative functions, including procurement and contract management.

AREAS OF EXPERTISE

- Budget Planning and Management
- Administrative Coordination
- Policy Development and Implementation
- Relationship Building with Development Partners
- Financial Analysis and Reporting
- Project Coordination and Management
- Team Leadership and Training
- Strong IT Skills

CERTIFICATIONS

- Project Management Professional 2015
- Introduction to System Dynamics (Theory & Practice) 2020

PROFESSIONAL ACHIEVEMENTS AND PROJECTS

Commonwealth Youth and Students Summit (2023):

- Actively participated as a Youth Volunteer in the Africa Region Summit held in Abuja.

Engaged in discussions, emphasizing commitment to youth development and regional collaboration.
Development of a 10-Year Development Plan (Budget Planning and Development Partner's Coordination Office, 2019-2021):

- Contributed significantly to the development of a comprehensive 10-year development plan for Gombe State, Nigeria.
- Utilized proficiency in Microsoft Office Suite and strategic planning to shape the future direction of the organization.

UNFPA-funded Projects (2020):

- Held the role of focal person for UNFPA-funded projects, showcasing the ability to handle diverse initiatives related to population and reproductive health.

Gombe State Partnership with UNIDO (Small Hydropower Plant, 2020):

- Provided technical assistance for the development of a Small Hydropower Plant at the Balanga Dam, Gombe State.
- Showcased expertise in project management and technical assistance, contributing to sustainable energy development.

Pact West Africa - Gates Foundation Project (2019):

- Collaborated with Pact West Africa to develop a roadmap for implementing the State Accountability for Quality Improvement Project, optimizing Maternal, Newborn, and Child Health outcomes in Gombe State.
- Managed the coordination of integrated approaches, showcasing budgeting and planning expertise to ensure project success.

Youth Climate Innovation Hub (2019):

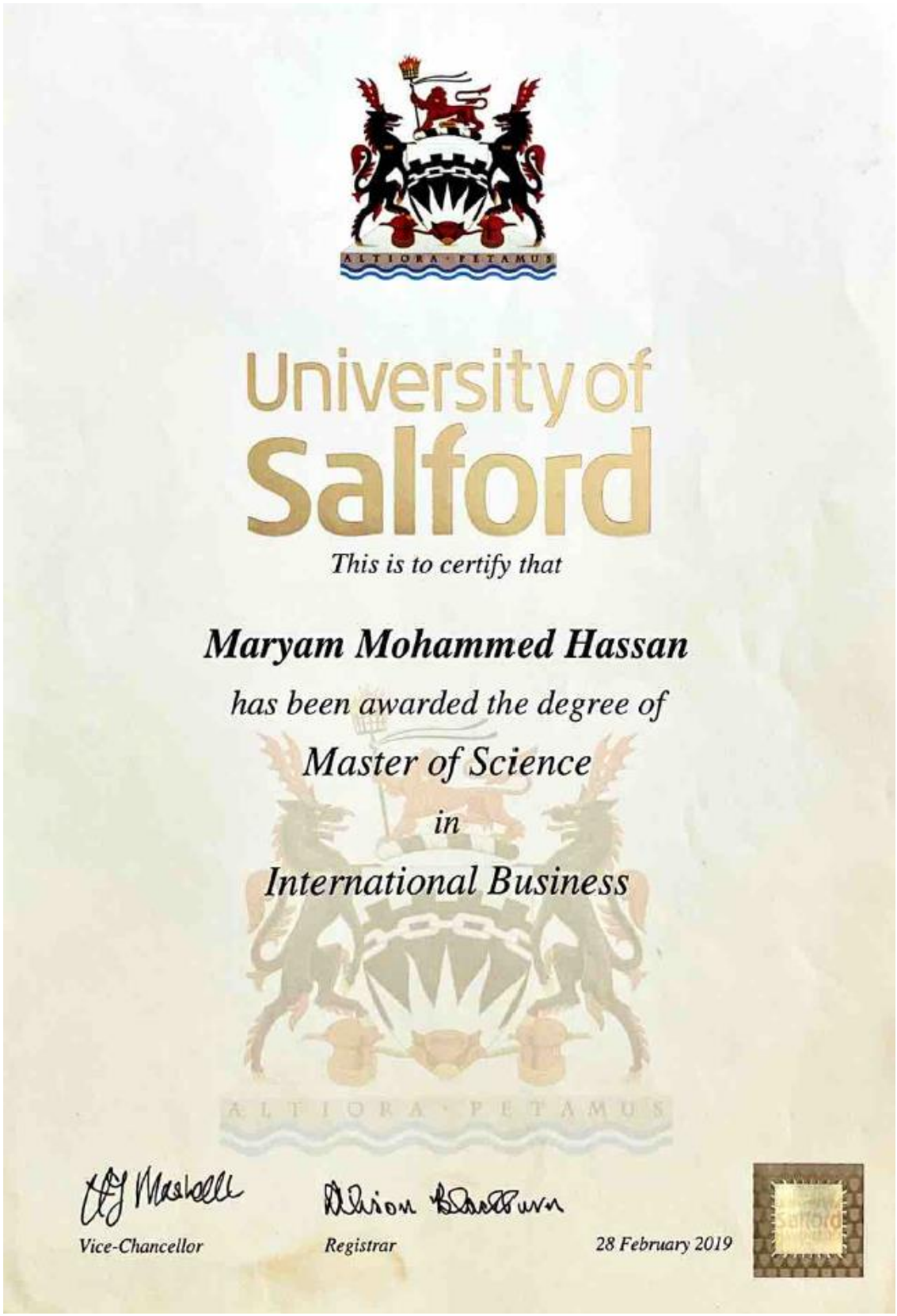
- Participated in the Youth Climate Innovation Hub in Gombe, organized by the Federal Ministry of Environment and UNDP.
- Engaged in activities promoting environmental awareness, highlighting commitment to sustainable initiatives.

USAID-funded Strengthening Education for Northeast Nigeria (SENSE) Project (2019):

- Served as the focal person at the Budget, Planning, and Development Partners Coordination Office.
- Demonstrated proficiency in managing budgets, coordinating stakeholders, and ensuring successful project implementation.

NAZ Legacy Foundation Interfaith Programme (2018):

Spearheaded youth volunteer and public speaking roles to foster unity and build networks among diverse groups in Manchester, United Kingdom.



University of Salford

This is to certify that

Maryam Mohammed Hassan

has been awarded the degree of

Master of Science

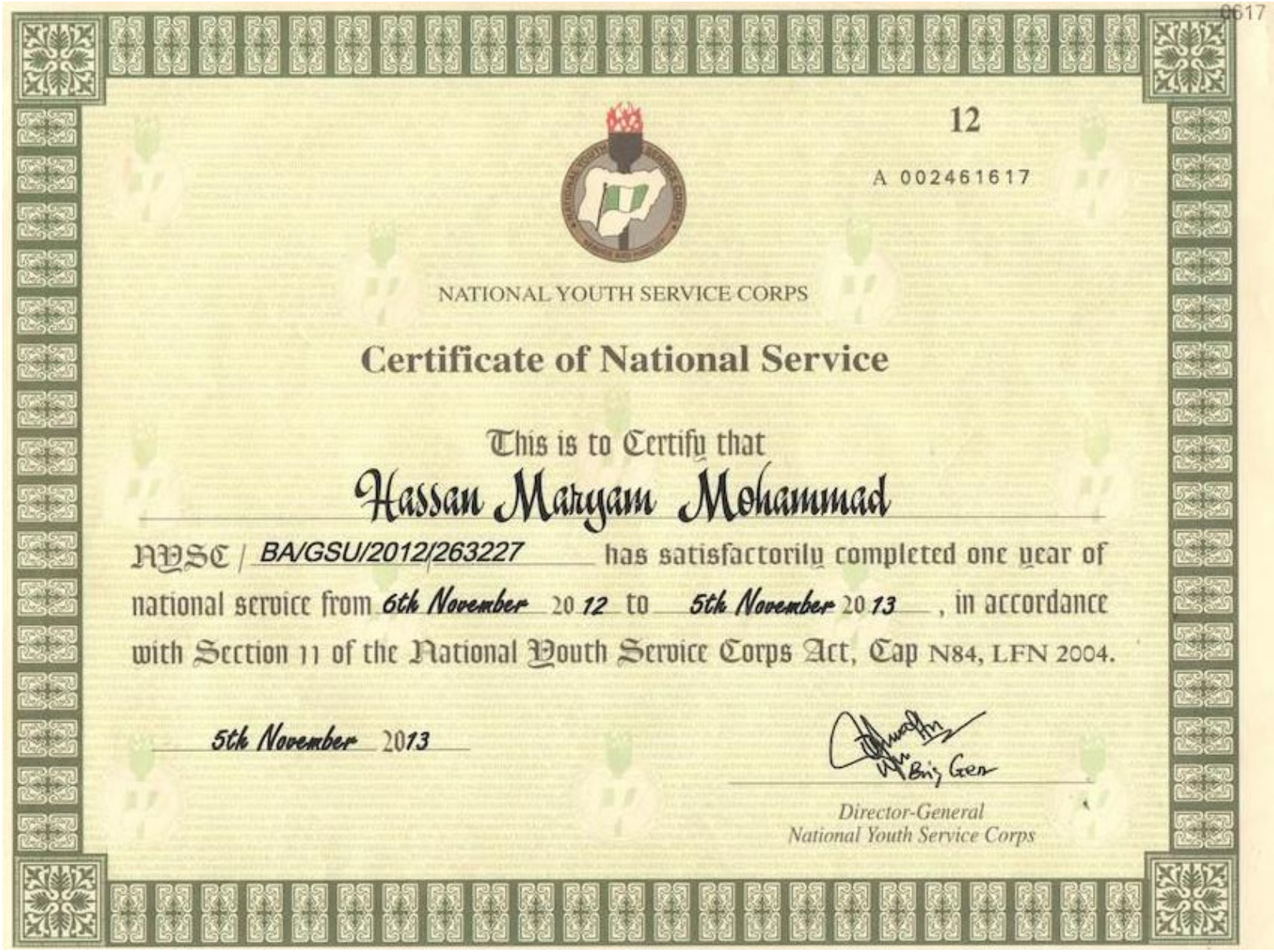
in

International Business

Vice-Chancellor

Registrar

28 February 2019



12

A 002461617

NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Hassan Maryam Mohammad

NYSC / BA/GSU/2012/263227 has satisfactorily completed one year of national service from 6th November 2012 to 5th November 2013, in accordance with Section 11 of the National Youth Service Corps Act, Cap N84, LFN 2004.

5th November 2013

Brig Gen

Director-General
National Youth Service Corps

CV OF YUSUF ABDULLAHI BADAMASI

YUSUF ABDULLAHI BADAMASI

No. 5, Usman Halilu Street, Lifecamp, Abuja, Nigeria.

Email: yusufbadamasi23@gmail.com

Tel: +2348068254394

QUALIFICATIONS

PHD in Electrical and Electronics Engineering in view, 2021- , Nile University of Nigeria

Masters of Engineering (M.Eng) in Electrical Power Systems (Merit), 2016, Nile University of Nigeria (NUN), Abuja, Nigeria

Dissertation Tilte: **"**Quantification of losses and the relationship of tilt angle on clean and soiled photovoltaic modules".

Bachelor of Science (BSc) in Electrical and Electronics Engineering (2:2), 2013, Fatih University Istanbul, Turkey

Senior Secondary School Certificate, 2007, Nigerian Turkish International College (NTIC) Wuse II, Abuja, Nigeria

Primary School Certificate, 2001, Premier International Primary School, Wuse II, Abuja, Nigeria

TECHNICAL SKILLS

- Good knowledge of programming languages and mathematical packages, including **Matlab, Maxima, C++**
- Good knowledge of circuit design and simulation packages, including **Proteus, Pspice,** and **Multisim.**
- Capable in **QGIS and Machine learning Models**

WORKING EXPERIENCE

Maxtech Energy Limited, [2020 – present]

OTHER WORKING EXPERIENCE: NILE UNIVERSITY

Assistant to Director Academic Planning from	2014 to 2017
Assistant to Head of Petroleum and Gas Engineering	2014 to 2015
Alumni Committee member	2015 to 2017

PUBLICATIONS

- **Badamasi, Y. A**. (2014). The Working Principles of an Arduino. In Electronics, Computer and Computation (ICECCO), 2014 11th International Conference on 2014 Sep 29 (pp. 1-4). IEEE.
- A. Shehu, A. Y. Sada, **Y. A. Badamasi**, M. Zakariya and Y. A. Sambo, September-October 2017, Finite Element Analysis for Single Cell Temperature Measurement Using PZT-Integrated Micro-capacitive Sensor' in Sensors and Transducers Journal, Vol. 216, Issue 9-10, pp.21-28.
- **Y. A. Badamasi.** July – September 2020, An IoT Android App-Based Queue System Using ESP32 in IJRECE Vol. 8, Issue 3, IJRECE_H359
- F. B. Ilyasu, C. E. Erdem, A. A. Ahmad and **Y. A. Badamasi**, "Facial Age Estimation Using Geometric, Local Phase Quantization and Pyramid Histogram of Oriented Gradient Features," *2021 1st International Conference on Multidisciplinary Engineering and Applied Science (ICMEAS)*, Abuja, Nigeria, 2021, pp. 1-5, doi: 10.1109/ICMEAS52683.2021.9692315.
- **Y. A. Badamasi**, S. Oodo, N. B. Gafai and F. B. Ilyasu, "Effect of Tilt Angle and Soiling on Photovoltaic Modules Losses," *2021 1st International Conference on Multidisciplinary Engineering and Applied Science (ICMEAS)*, Abuja, Nigeria, 2021, pp. 1-5, doi: 10.1109/ICMEAS52683.2021.9692375.
- Dodo, U.A., Dodo, M.A., Shehu, A.F. and **Badamasi, Y.A**., 2023. Performance Analysis of Intelligent Computational Algorithms for Biomass Higher Heating Value Prediction. *Nigerian Journal of Technological Development*, *20*(4), pp.44-52.
- Faskari, S.A., Ojim, G., Falope, T., **Abdullahi, Y.B**. and Abba, S.I., 2022. A novel machine learning based computing algorithm in modeling of soiled photovoltaic module. *Knowledge-Based Engineering and Sciences*, *3*(1), pp.28-36.
- Omeje, O.E., Maccido, H.S., **Badamasi, Y.A**. and Abba, S.I., 2021. Performance of

hybrid neuro-fuzzy model for solar radiation simulation at Abuja, Nigeria: A correlation based input selection technique. *Knowledge-Based Engineering and Sciences*, *2*(3), pp.54-66.

CONFERENCE PRESENTATIONS

- **Badamasi, Y. A**. (2014). The Working Principles of an Arduino. In Electronics, Computer and Computation (ICECCO), Nigerian Turkish Nile University, Abuja, Nigeria. (Oral presentation)
- **Y. A. Badamasi**, S. Oodo, N. B. Gafai and F. B. Ilyasu, "Effect of Tilt Angle and Soiling on Photovoltaic Modules Losses," *2021 1st International Conference on Multidisciplinary Engineering and Applied Science (ICMEAS)*, Nile University of Nigeria, Abuja, Nigeria (Oral presentation).

OTHER WORKING EXPERIENCE: BAZE UNIVERSITY

Acting H. O. D Electrical and Electronics Engineering	2017 to 2017
Acting General Engineering Lab Coordinator	2017 to 2018
Faculty of Engineering Exam Officer	

SCHOOL OF
POSTGRADUATE STUDIES

www.nileuniversity.edu.ng

NILE UNIVERSITY
OF NIGERIA

28.11.2016

Ref : NTNU/PGS/OIM/0137

To : ABDULLAHI YUSUF BADAMASI
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STATEMENT OF RESULT

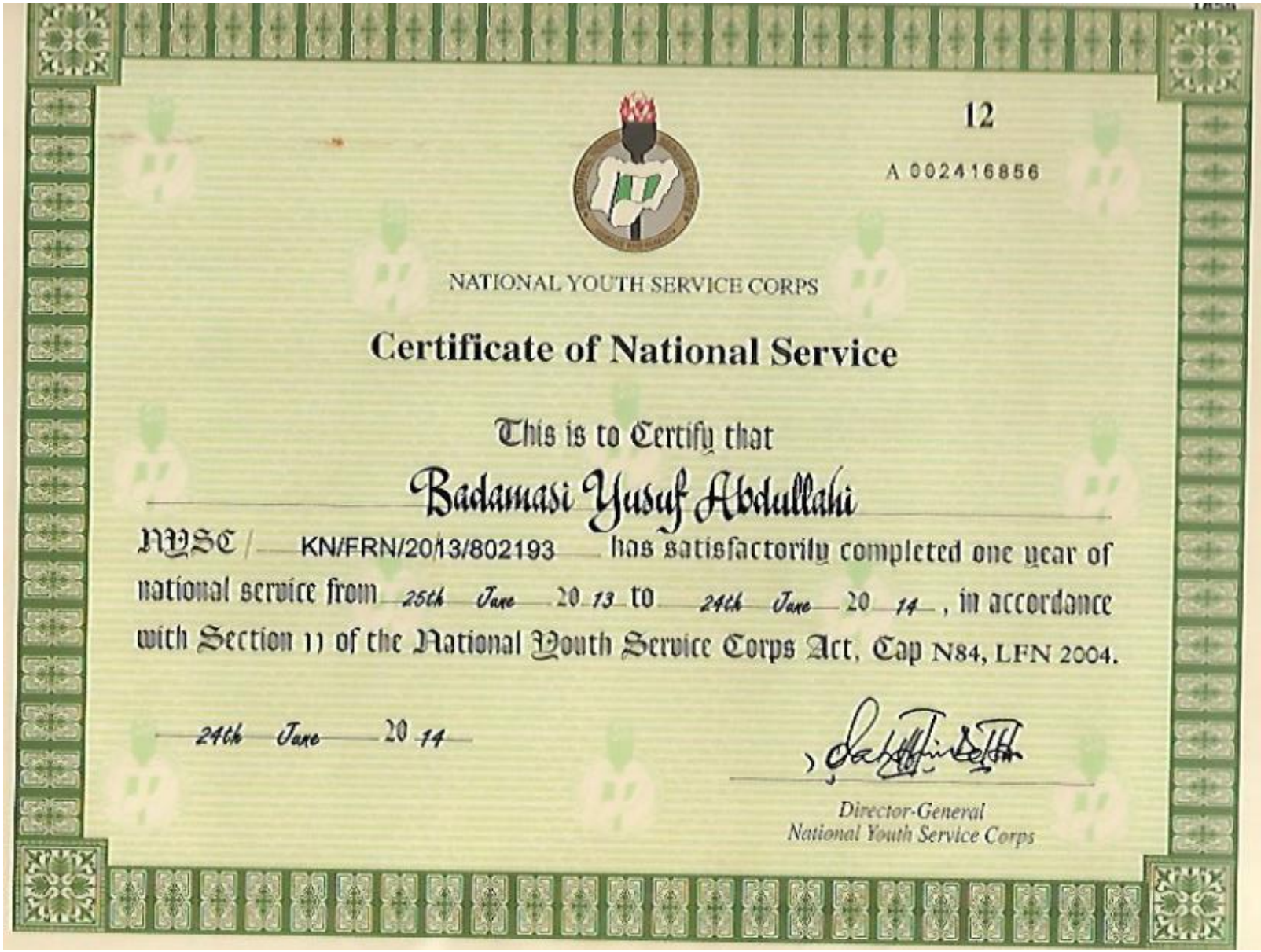
This is to certify that;

ABDULLAHI YUSUF BADAMASI with **ID number 141244006** has successfully completed a Postgraduate programme and has obtained an Academic Qualification of **Master of Engineering (M.Eng.) in Power Systems Engineering** from the Postgraduate School of Nile University of Nigeria, in **2015-2016 Academic Session** in the Faculty of **Engineering.** He will formally receive his certificate after formal conferment on the authority of the Senate.

Kind regards,

Dr. Fatih.M.Yasar
Dean, School of Postgraduate Studies
Date: 28/11/2016

NILE UNIVERSITY OF NIGERIA, ABUJA
NILE
PGS



12

A 002416856

NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Badamasi Yusuf Abdullahi

NYSC / KN/FRN/2013/802193 has satisfactorily completed one year of national service from 25th June 2013 to 24th June 2014, in accordance with Section 11 of the National Youth Service Corps Act, Cap N84, LFN 2004.

24th June 2014

Director-General
National Youth Service Corps

COREN

039602

ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992, NOW ACT CAP EII/2004

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Yusuf Abdullahi Badamasi

has been duly Registered by
the Council for the Regulation of Engineering in Nigeria,
and is hereby authorised to practise
within the Federal Republic of Nigeria as

Electrical Engineer

(R. 45,678)

and to use before his/her name the designation

ENGR.

Dated 20th day of December 20 18

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

CV OF ASIAU TALATU BELGORE

ASIA'U TALATU BELGORE

House C-15, City of David Estate Life-camp, Abuja

Phone: +234 8169404041 E-mail: talatubelgore@gmail.com
asiaú.talatu@bazeuniversity.edu.ng

Career Objective

Young personnel seeking to build a career in a highly challenging environment, utilizing technology and contributing the best of my abilities towards achieving organizational goals and values through effectiveness and good team work.

Education

Uka Trasadia University, C.G.P.I.T, Surat, India **[2017 – 2019]**
M.Tech ▪ Power Systems [with Distinction]

*Thesis: '*Analysis of 1 MW Solar Power Plant and Implementation of Single-Axis Solar Tracker*'*

Igbinedion University, Okada, Edo State **[2009 – 2015]**
B.Eng. ▪ Electrical/ Electronic Engineering (First Class)

Thesis: 'Simulation of STATCOM for Voltage Stability in a Power System'

New Horizons College, Minna, Niger State **[2003 – 2009]**

Senior Secondary School Certificate (SSCE)

Qualifications / Certifications

CCNA 1 – Training **[in view]**

CISCO Networking Academy

Energy and Flexibility Modelling **[2021]**

Certificate of course completion

Climate Compatible Growth

Sustainable Energy for All, Youth Summit **[2021]**

Certificate of Participation

Qualification: Rooftop Solar Grid Engineer

(QP No: SGJ/Q0106) **[2018]**

Government of India, Ministry of Skill Development & Entrepreneurship

Gujarat Institute of Solar Energy, Ahmedabad

Dexter & Hero's Consultancy (Rc 900650) **[2016]**

Qualification: Trained; **General Health, Safety & Environment (HSE)**

Certificate No: HSE-16-01484

Work Experience

Maxtech Energy Limited, Abuja **[2020-present]**

Metering Database Administrator

- Power system design of renewable energy systems.
- Led a team to carry out energy Audit
- Carried out site and equipment inspection of clients.

NERC, Abuja **[2015 – 2016]**

National Youth Service Corp.

Research Analyst: Renewable Energy, Research & Development

- Familiar with Energy Efficiency and Conservation programs
- Participated in the Performance and compliance monitoring of the Electricity supply industry
- Collaboration with GIZ for development of Investors guide for Off Grid renewable energy power generation.

Journal Publications

- Izilein Fred, Onyegbadue Ikenna A., Ugada Chukwuemeka Martin, **Belgore A. Talatu**, 2015, "Simulation of Statcom for Voltage Improvement in an Electric Power Network", International Journal Of Engineering Research & Technology (IJERT) Volume 04, Issue 07 (July 2015)

- **A. T. Belgore**, Ranjit Rajak , Priyanka Patel, 2019, "Analysis of 1 MW Solar Power Plant and Implementation of Single-Axis Solar Tracker", International Journal Of Engineering Research & Technology (IJERT) Volume 08, Issue 04 (April – 2019)

- **A. T. Belgore**, R. Rajak, P. Patel, 2018, "Performance Evaluation of Stand-alone and On-Grid Photovoltaic System Using PVSYST Software". International Research Journal of Engineering and Technology (IRJET), Volume 05, Issue 12 (Dec 2018)

- **A. T. Belgore**, N. B. Gafai, "Control Techniques for Shunt Active Power Filters". International Research Journal of Engineering and Technology (IRJET), Vol 09, Issue 9 (Sept 2020)

- Abdulwahab I, Faskari **A.T, Belgore** T.A & Babaita T. A. (2021). "An Improved Hybrid Micro-grid Load frequency Control Scheme For an Autonomous System", FUOYE Journal of Engineering and Technology.Vol 6 (4). 369-374 DOI: http://dx.doi.org/10.46792/fuoyejet.v6i4.698

- N.B.Gafai, **A.T.Belgore**, "Feasibility of Hybrid Neuro Fuzzy (ANFIS) Machine Learning Model with Classical Multi-Linear Regression (MLR) For the Simulation of Solar Radiation: A Case Study Abuja, Nigeria" Energy Research Journal, Vol 13, DOI: https://doi.org/10.3844/erjsp.2022.10.20

- U. A. Dodo, **A. T. Belgore**, I. N. Abubakar, F. B. Ilyasu, M. A. Dodo3,A. S. Mohammed, "Analysis of installation errors of a low-voltage current transformer operated energy meter using in-service data" Uniabuja Journal of Engineering and Technology Vol. 1 (2), 2022; p.39-58, August 2022

- Sada, A. Y., **Belgore, A. T**., & Nwankwo, C. (2023). Electricity Generation from Water Using a Hydrogen Fuel Cell. *Baze University Journal of Entrepreneurship and*

Interdisciplinary Studies, *1*(2). Retrieved from http://41.87.94.44/index.php/bujeis/article/view/42

- Sada, A. Y., **Belgore.A.T.**, Anas Faskari, S., Fatima Balarabe Ilyasu, & S. I. Abba. (2022). Application of Different Membership Function for Short-term Load Demand Estimation: A Neuro-Fuzzy Approach. *Knowledge-Based Engineering and Sciences*, *3*(3), 93–100. Retrieved from https://kbes.journals.publicknowledgeproject.org/index.php/kbes/article/view/6743

- Shehu, A. F., & **Belgore, T. A**. (2023). Machine Learning Approach to Wind Speed Prediction using Soft Computing Tools. *ATBU Journal of Science, Technology and Education*, *11*(2), 349-355.

- **Belgore, A**., Onyohi, R., Gafai, N., & Ighodalo, M. (2023). Solar Radiation Forecasting Using Adaptive Neuro Fuzzy Inference System (ANFIS). *Engineering And Technology Journal*, *8*(7), 2428-2435. https://doi.org/10.47191/etj/v8i7.08

- Gafai, N., & **Belgore, A.** (2023). Wind Speed Prediction Using Artificial Intelligence: A Case Study, Abuja, Nigeria. *Engineering And Technology Journal*, *8*(7), 2422-2427. https://doi.org/10.47191/etj/v8i7.07

Professional Memberships

1. Council for the Regulation of Engineering in Nigeria (COREN) Engineer – Registered Engineer -R62632
2. Graduate Affiliate, Nigerian Society of Engineers, MNSE - G20355

References

1. Engr. Tasiu S. G. Wudil FNSE, SMIEEE [President],
The Nigerian Society of Engineers,

1012 Sani Abacha Way,

Central Business District, Abuja, Nigeria.

twudil@ieee.org twudil@hotmail.com

+2348106807203, +2348069346737.

IGBINEDION UNIVERSITY OKADA

Belgore Asia'u Talatu

Having fulfilled all the requirements and passed the prescribed examinations has, by the authority of Senate, been awarded the degree of

Bachelor of Engineering

in

Electrical Electronics Engineering

With First Class Honours

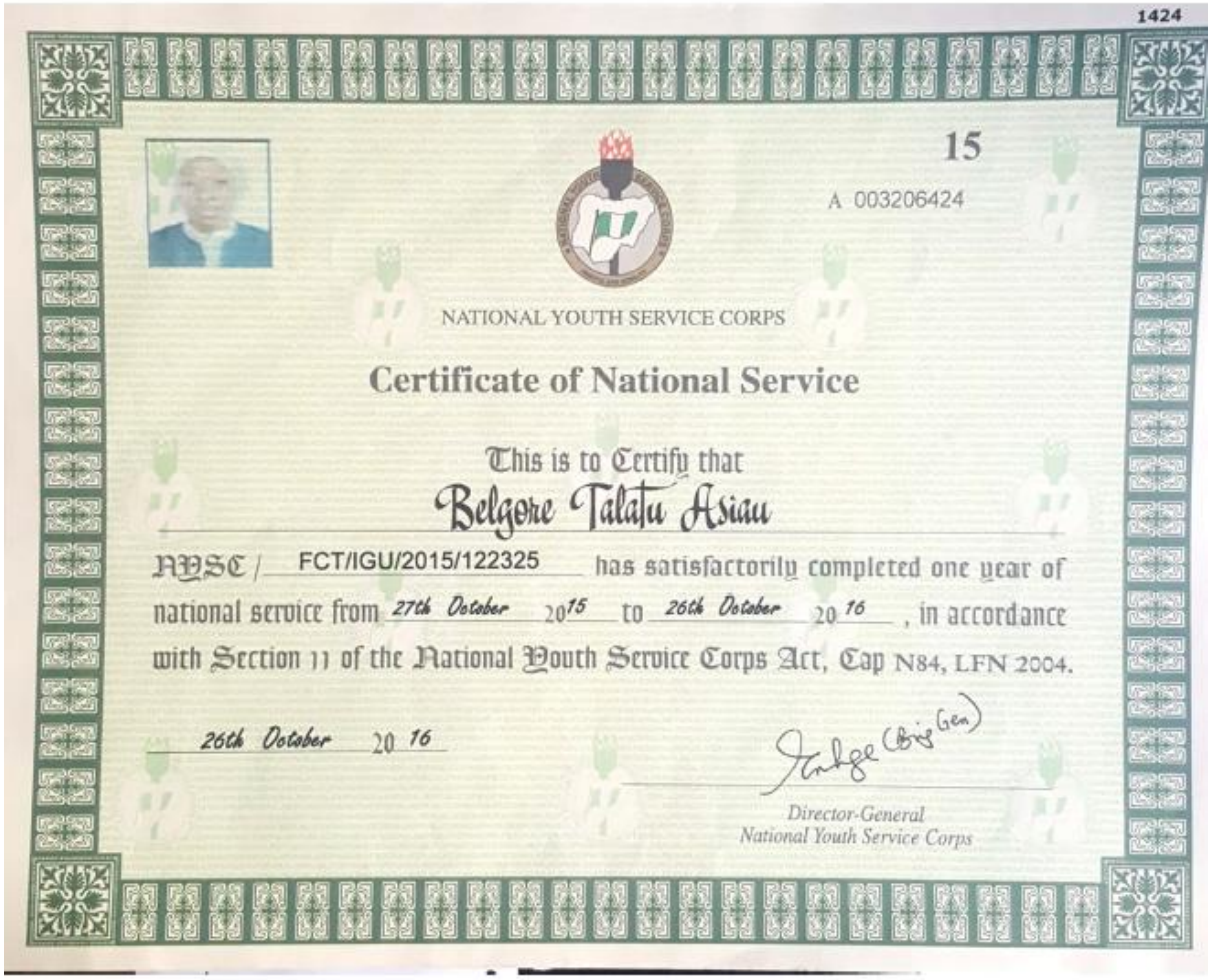
Given at Okada, Edo State, Nigeria

This 27th Day of Nov., AD 2015

Hon Chancellor
& Chairman Board of Trustees

Vice Chancellor

Registrar



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NATIONAL YOUTH SERVICE CORPS

Certificate of National Service

This is to Certify that

Belgore Talatu Asiau

NYSC / FCT/IGU/2015/122325 has satisfactorily completed one year of national service from 27th October 2015 to 26th October 2016, in accordance with Section 11 of the National Youth Service Corps Act, Cap N84, LFN 2004.

26th October 2016

(Brig Gen)

Director-General
National Youth Service Corps

COREN

059329

ESTABLISHED BY DECREE 55 OF 1970, AMENDED BY DECREE 27 OF 1992 AND ENGINEERS (REGISTRATION, ETC) ACT CAP E11/2004, FURTHER AMENDED BY THE ENGINEERS (REGISTRATION, ETC) (AMENDMENT) ACT NO.3, 2018

The Council for the Regulation of Engineering in Nigeria

This is to certify that

Asia'u Talatu Belgore

has been duly Registered by the Council for the Regulation of Engineering in Nigeria, and is hereby authorised to practise within the Federal Republic of Nigeria as

Electrical Engineer

(R.62,632)

and to use before his/her name the designation

ENGR.

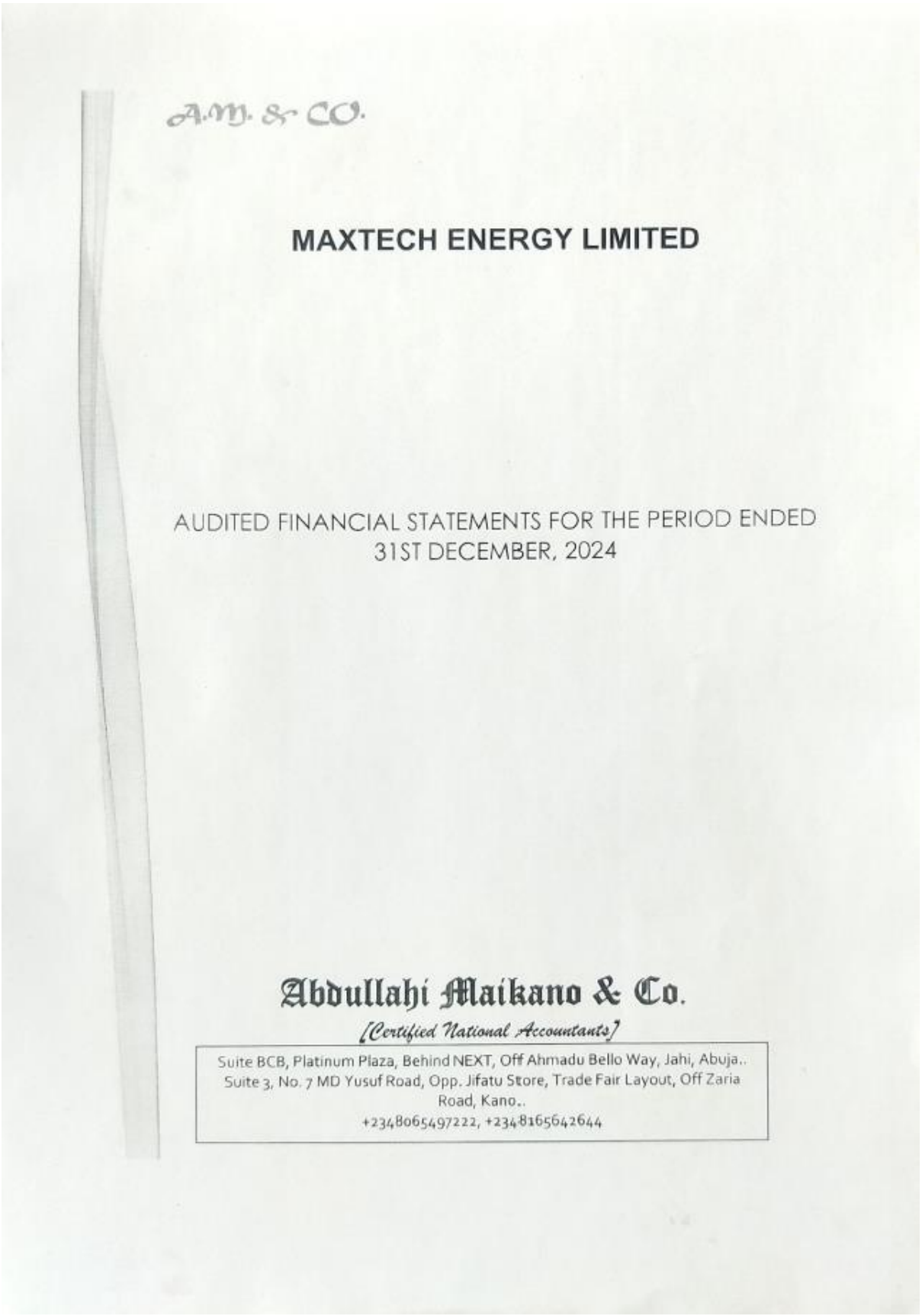
Dated 9th day of September 20 21

REGISTRAR

PRESIDENT

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

AUDITED ACCOUNTS



A.M. & CO.

MAXTECH ENERGY LIMITED

AUDITED FINANCIAL STATEMENTS FOR THE PERIOD ENDED
31ST DECEMBER, 2024

Abdullahi Maikano & Co.

[Certified National Accountants]

Suite BCB, Platinum Plaza, Behind NEXT, Off Ahmadu Bello Way, Jahi, Abuja..
Suite 3, No. 7 MD Yusuf Road, Opp. Jifatu Store, Trade Fair Layout, Off Zaria Road, Kano..
+2348065497222, +2348165642644

CONTENTS

DIRECTORS' REPORT

1.0 THE COMPANY

The company,MAXTECH ENERGY LIMITED, was incorporated in Nigeria as a limited liability company. The company's main object is to carry out the business of renewable and conventional energy project development and management, design, built and operate. architectural and engineering activities and ralated technical consultancy.

2.0 DIRECTORS

The following directors serve the company for the year under review;

1. Husein Munir Aminu	Director
2. Hussain Habibu Aminu	Director
3 Yusuf Abdullahi Badamasi	Director

3.0 RESULTS AT A GLANCE

Turnover	**1,575,832,259**
Operating Profit	**450,998,863**
Capital Employed	**782,648,381**

4.0 AUDITORS

The auditors, Abdullahi Maikano & Co., have indicated their willingness to continue in office pursuant to Section 357 of the Companies and Allied Matters Act [CAMA] 1990 as amended.

5.0 COMPANY SECRETARIES

Business Missouri, Corporate Secretaries.
5, Zoo Road, Kano.

1

AUDITORS' REPORT

TO THE MEMBERS OF MAXTECH ENERGY LIMITED

We have of the completed the audit of the financial statements of MAXTECH ENERGY LIMITEDshown on pages 4 to 6 and the accompanying notes shown on pages 7 to 9.

We have obtained all information and explanations necessary for the conduct of our audit. We obtained that the Company has kept proper books of accounts and records during the eighteen months period ended 31ST DECEMBER 2024 and that the accounts are prepared in accordance with the Generally Accepted Accounting Principles (GAAP).

OPINION

In our opinion and according to the information and explanation given to us, the Balance Sheet has shown a true and fair view of the Company's state of affairs as at 31ST DECEMBER 2024 and the Profit and cash flow for the period ended on same date.

ABDULLAHI MAIKANO & CO.
[Certified National Accountants]

4957290286
ASSOCIATION OF NATIONAL ACCOUNTANTS OF NIGERIA
www.anan.org.ng

10th Febuary 2025

2

STATEMENT OF ACCOUNTING POLICIES

The financial statements are prepared based on the following set of accounting policies.

1 BASIS OF REPORTING

The financial statements are prepared based on the historical cost concept.

As such no adjustments have been made with regards to changing price/inflation.

2 FIXED ASSETS

Fixed assets are presented cost less depreciation. Depreciation is charged on fixed assets on the following rates;

Plant & Machinery	15%
Motor Vehicle	20%
Fixtures & Fittings	20%
Office Equipment	15%

3 STOCK

Stocks are presented at lower of cost or net realizable value. Stocks are priced using the First-In-First-Out (FIFO) method.

MAXTECH ENERGY LIMITED
BALANCE SHEET AS AT 31ST DECEMBER 2024

	NOTES	2024	2023
		N	N
FIXED ASSETS	1	392,572,757	405,394,714
CURRENT ASSETS			
Stocks/WIP	2	181,547,474	78,453,632
Debtors	3	92,196,954	47,395,637
Bank & Cash	4	131,969,559	28,574,743
		405,713,987	154,424,012
LESS: CURRENT LIABILITIES			
Creditors & Accruals	5	15,638,363	13,947,574
Net Current Assets		390,075,624	140,476,438
Total Net Assets		782,648,381	545,871,152
FINANCED BY:			
Share Capital	6	2,000,000	2,000,000
Directors' Loan Account	7	82,249,336	262,646,056
Profit & Loss Account C/F		698,399,045	281,225,096
		782,648,381	545,871,152

_____

_____ DIRECTORS

_____

MAXTEC ENERGY LIMITED

PROFIT & LOSS ACCOUNT FOR THE PERIOD ENDED 31ST DECEMBER 2024

	NOTES	2024	2023
		₦	₦
TURNOVER		1,575,832,259	573,779,000
LESS: DIRECT COSTS	8	919,074,946	334,645,963
GROSS PROFIT		656,757,313	239,133,037
LESS: OPERATING EXPENSES	9	205,758,450	84,746,363
NET OPERATING PROFIT		450,998,863	154,386,674
PROVISION FOR TAXATION		33,824,914.75	11,579,001
PROPOSED DIVIDEND		-	-
RETAINED EARNINGS FOR THE YEAR		417,173,949	142,807,674
PROFIT & LOSS ACCOUNT B/F		281,225,096	138,417,422
PROFIT & LOSS ACCOUNT C/F		698,399,045	281,225,096

5

MAXTECH ENERGY LIMITED

CASH FLOW STATEMENT FOR THE PERIOD ENDED 31ST DECEMBER 2024

	2024	2023
	₦	N
PROFIT/(LOSS) AFTER TAX	417,173,949	142,807,674
ADD BACK: Depreciation	12,821,956	12,821,956
	429,995,905	155,629,630
MOVEMENT IN WORKING CAPITAL:		
(Increase)/Decrease in Stock	(103,093,842)	(5,806,148)
(Increase)/Decrease in Debtors	(44,801,317)	(2,132,007)
Increase/(Decrease) in Creditors	1,690,789	1,300,311
CASH FLOW FROM FINANCING ACTIVITIES		
Share Capital	-	-
Directors' Loan Account	(180,396,720)	(145,263,307)
Dividends	-	-
CASH FLOW FROM INVESTING ACTIVITIES		
Investment	-	-
Purchase of Fixed Assets	-	-
Increase/(Decrease in Cash & Cash Equivalents	103,394,815	3,728,479
Cash & Cash Equivalents at Start	28,574,743	24,846,263
Cash & Cash Equivalents at End	131,969,558	28,574,742

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

FIXED ASSETS	Balance As At 01/01/2023	Additions/ (Disposals)	Balance As At 31/12/2024
	₦	₦	₦
Land & Buildings	318,585,485	0	318,585,485
General Plant & Machinery	21,858,480	0	21,858,480
Plant & Machinery	-	0	-
Motor Vehicle	15,857,373	0	15,857,373
Furniture, Fittings & Equipment	74,737,289	0	74,737,289
	431,038,627	-	431,038,627
LESS: ACCUMULATED DEPRECIATION			
Land & Buildings	12,743,420	6,371,710	19,115,130
General Plant & Machinery	6,557,544	3,278,772	9,836,316
Factory Plant & Machinery	-	0	-
Motor Vehicle	6,342,950	3,171,475	9,514,425
Furniture, Fittings & Equipment	29,894,916	14,947,458	44,842,374
	55,538,830	12,821,956	38,465,870
NET BOOK VALUE	375,499,797		392,572,757

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

		2024	2023
		₦	₦
2	STOCKS	181,547,474	78,453,632
	This represents the value of store items at the balance sheet date		
3	DEBTORS & PREPAYMENTS	92,196,954	47,395,637
	Trade debtors		
4	BANK & CASH		
	Cash in Hand	35,215,812	10,109,168
	Cash at Bank	96,753,747	18,465,575
		131,969,559	28,574,743
5	CREDITORS & ACCRUALS		
	Trade Creditors	9,683,926	4,672,914
	Accruals	5,954,437	4,637,330
		15,638,363	13,947,574
6	SHARE CAPITAL	2,000,000	2,000,000
	2,000,000 Authorised, issued and fully paid share capital		
7	DIRECTORS' LOAN ACCOUNT	82,249,336	262,646,056
	This represents the total value owed to Directors		
8	DIRECT COSTS		
	Opening Stock	78,453,632	78,453,632
	Add: Purchases and wages	1,022,168,788	334,645,963
		1,100,622,420	413,099,595
	Less: Closing Stock	181,547,474	78,453,632
		919,074,946	334,645,963

MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

9 OPERATING EXPENSES	2024	2023
	₦	₦
Salaries and wages	42,969,530	23,818,544
Depreciation	12,821,956	12,821,956
Interests/Bank charges	563,367	444,630
Telephone, Internet & postages	4,633,620	2,185,854
Transport & traveling	114,723,137	21,138,359
Fuel & lubricants	16,485,943	13,425,600
Machinery repairs	4,274,460	3,847,563
Medical expenses	3,786,437	2,563,857
Audit & accountancy fees	2,500,000	2,000,000
Legal fees	3,000,000	2,500,000
	205,758,450	84,746,363

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MAXTECH ENERGY LIMITED

FIVE-YEAR FINANCIAL SUMMARY

	2024	2023	2022	2021	2020
	N	N	N	N	N
STATEMENT OF INCOME DATA					
Total sales and other operating revenues	1,575,832,259	573,779,000			
Total Revenues and Other Income	1,575,832,259	573,779,000			
Total Costs and Other Deductions					
Income From Continuing Operations Before Income Taxes	450,998,863	154,386,674			
Income Tax Expense	33,824,915	11,579,001			
Income From Continuing Operations	417,173,949	142,807,673			
Net Income Per Share of Common Stock	417.1739	142.8077			
Cash Dividends Per Share	-	-			
Balance Sheet Data (at Dec. 31)					
Current assets	405,713,987	154,424,012			
Noncurrent assets	392,572,757	405,394,714			
Total Assets	798,286,744	559,818,726			
Short-term debt	15,638,363	13,947,574			
Other current liabilities					
Long-term debt and capital	82,249,336	262,646,056			
Other noncurrent liabilities					
Total Liabilities	97,887,699	276,593,630			
Stockholders' Equity	700,399,045	283,225,096			

A.M. & CO.

MAXTECH ENERGY LIMITED

AUDITED FINANCIAL STATEMENTS FOR THE PERIOD ENDED
31ST DECEMBER, 2023

Abdullahi Maikano & Co.

[Certified National Accountants]

Suite BCB, Platinum Plaza, Behind NEXT, Off Ahmadu Bello Way, Jahi, Abuja..
Suite 3, No. 7 MD Yusuf Road, Opp. Jifatu Store, Trade Fair Layout, Off Zaria Road, Kano..
+2348065497222, +2348165642644

CONTENTS

DIRECTORS' REPORT

1.0 THE COMPANY

The company,MAXTECH ENERGY LIMITED, was incorporated in Nigeria as a limited liability company. The company's main object is to carry out the business of renewable and conventional energy project development and management, design, built and operate. architectural and engineering activities and ralated technical consultancy.

2.0 DIRECTORS

The following directors serve the company for the year under review;

1. Husein Munir Aminu	Director
2. Hussain Habibu Aminu	Director
3 Yusuf Abdullahi Badamasi	Director

3.0 RESULTS AT A GLANCE

Turnover	573,779,000
Operating Profit	154,386,674
Capital Employed	545,871,152

4.0 AUDITORS

The auditors, Abdullahi Maikano & Co., have indicated their willingness to continue in office pursuant to Section 357 of the Companies and Allied Matters Act [CAMA] 1990 as amended.

5.0 COMPANY SECRETARIES

Business Missouri, Corporate Secretaries.
5, Zoo Road, Kano.

AUDITORS' REPORT

TO THE MEMBERS OF MAXTECH ENERGY LIMITED

We have of the completed the audit of the financial statements of MAXTECH ENERGY LIMITEDshown on pages 4 to 6 and the accompanying notes shown on pages 7 to 9.

We have obtained all information and explanations necessary for the conduct of our audit. We obtained that the Company has kept proper books of accounts and records during the eighteen months period ended 31ST DECEMBER 2023 and that the accounts are prepared in accordance with the Generally Accepted Accounting Principles (GAAP).

OPINION

In our opinion and according to the information and explanation given to us, the Balance Sheet has shown a true and fair view of the Company's state of affairs as at 31ST DECEMBER 2023 and the Profit and cash flow for the period ended on same date.

ABDULLAHI MAIKANO & CO

ABDULLAHI MAIKANO & CO.
[Certified National Accountants]

10th Febuary 2024

STATEMENT OF ACCOUNTING POLICIES

The financial statements are prepared based on the following set of accounting policies.

1 BASIS OF REPORTING

The financial statements are prepared based on the historical cost concept.

As such no adjustments have been made with regards to changing price/inflation.

2 FIXED ASSETS

Fixed assets are presented cost less depreciation. Depreciation is charged on fixed assets on the following rates;

Plant & Machinery	15%
Motor Vehicle	20%
Fixtures & Fittings	20%
Office Equipment	15%

3 STOCK

Stocks are presented at lower of cost or net realizable value. Stocks are priced using the First-In-First-Out (FIFO) method.

MAXTECH ENERGY LIMITED
BALANCE SHEET AS AT 31ST DECEMBER 2023

	NOTES	2023	2022
		N	N
FIXED ASSETS	1	405,394,714	418,216,671
CURRENT ASSETS			
Stocks/WIP	2	78,453,632	72,647,484
Debtors	3	47,395,637	45,263,630
Bank & Cash	4	28,574,743	24,846,263
		154,424,012	142,757,377
LESS: CURRENT LIABILITIES			
Creditors & Accruals	5	13,947,574	12,647,263
Net Current Assets		140,476,438	130,110,114
Total Net Assets		545,871,152	548,326,785
FINANCED BY:			
Share Capital	6	2,000,000	2,000,000
Directors' Loan Account	7	262,646,056	407,909,363
Profit & Loss Account C/F		281,225,096	138,417,422
		545,871,152	548,326,785

DIRECTORS

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MAXTEC ENERGY LIMITED

PROFIT & LOSS ACCOUNT FOR THE PERIOD ENDED 31ST DECEMBER 2023

	NOTES	2023	2022
		₦	₦
TURNOVER		573,779,000	526,018,160
LESS: DIRECT COSTS	8	334,645,963	306,790,338
GROSS PROFIT		239,133,037	219,227,822
LESS: OPERATING EXPENSES	9	84,746,363	79,954,760
NET OPERATING PROFIT		154,386,674	139,273,062
PROVISION FOR TAXATION		11,579,000.58	855,640
PROPOSED DIVIDEND		-	-
RETAINED EARNINGS FOR THE YEAR		142,807,674	138,417,422
PROFIT & LOSS ACCOUNT B/F		138,417,422	-
PROFIT & LOSS ACCOUNT C/F		281,225,096	138,417,422

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MAXTECH ENERGY LIMITED

CASH FLOW STATEMENT FOR THE PERIOD ENDED 31ST DECEMBER 2023

	2023	2022
	₦	₦
PROFIT/(LOSS) AFTER TAX	142,807,674	138,417,422
ADD BACK: Depreciation	12,821,956	12,821,956
	155,629,630	151,239,378
MOVEMENT IN WORKING CAPITAL:		
(Increase)/Decrease in Stock	(5,806,148)	(72,647,484)
(Increase)/Decrease in Debtors	(2,132,007)	(45,263,630)
Increase/(Decrease) in Creditors	1,300,311	12,647,263
CASH FLOW FROM FINANCING ACTIVITIES		
Share Capital	-	2,000,000
Directors' Loan Account	(145,263,307)	407,909,363
Dividends	-	-
CASH FLOW FROM INVESTING ACTIVITIES		
Investment	-	-
Purchase of Fixed Assets	-	431,038,627
Increase/(Decrease in Cash & Cash Equivalents	3,728,479	24,846,263
Cash & Cash Equivalents at Start	24,846,263	-
Cash & Cash Equivalents at End	28,574,742	24,846,263

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

FIXED ASSETS	Balance As At 01/01/2022 ₦	Additions/ (Disposals) ₦	Balance As At 31/12/2023 ₦
Land & Buildings	318,585,485	0	318,585,485
General Plant & Machinery	21,858,480	0	21,858,480
Plant & Machinery	-	0	-
Motor Vehicle	15,857,373	0	15,857,373
Furniture, Fittings & Equipment	74,737,289	0	74,737,289
	431,038,627	-	431,038,627
LESS: ACCUMULATED DEPRECIATION			
Land & Buildings	6,371,710	6,371,710	12,743,420
General Plant & Machinery	3,278,772	3,278,772	6,557,544
Factory Plant & Machinery	-	0	-
Motor Vehicle	3,171,475	3,171,475	6,342,950
Furniture, Fittings & Equipment	14,947,458	14,947,458	29,894,916
	12,821,956	12,821,956	25,643,913
NET BOOK VALUE	418,216,671		405,394,714

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

		2023	2022
		₦	₦
2	**STOCKS**	78,453,632	72,647,484
	This represents the value of store items at the balance sheet date		
3	**DEBTORS & PREPAYMENTS**	47,395,637	45,263,630
	Trade debtors		
4	**BANK & CASH**		
	Cash in Hand	10,109,168	2,594,856
	Cash at Bank	18,465,575	22,251,407
		28,574,743	24,846,263
5	**CREDITORS & ACCRUALS**		
	Trade Creditors	4,672,914	766,500
	Accruals	4,637,330	11,880,763
		13,947,574	12,647,263
6	**SHARE CAPITAL**	2,000,000	2,000,000
	2,000,000 Authorised, issued and fully paid share capital		
7	**DIRECTORS' LOAN ACCOUNT**	262,646,056	407,909,363
	This represents the total value owed to Directors		
8	**DIRECT COSTS**		
	Opening Stock	72,647,484	72,647,484
	Add: Purchases and wages	340,452,111	306,790,338
		413,099,595	379,437,822
	Less: Closing Stock	78,453,632	72,647,484
		334,645,963	306,790,338

MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

9 OPERATING EXPENSES	2023	2022
	₦	₦
Salaries and wages	23,818,544	23,818,544
Depreciation	12,821,956	12,821,956
Interests/Bank charges	444,630	249,665
Telephone, Internet & postages	2,185,854	1,055,800
Transport & traveling	21,138,359	17,401,485
Fuel & lubricants	13,425,600	13,425,600
Machinery repairs	3,847,563	3,289,530
Medical expenses	2,563,857	2,272,180
Audit & accountancy fees	2,000,000	2,150,000
Legal fees	2,500,000	3,470,000
	84,746,363	79,954,760

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MAXTECH ENERGY LIMITED

FIVE-YEAR FINANCIAL SUMMARY

	2023	2022	2021	2020	2019
	N	N	N	N	N
STATEMENT OF INCOME DATA					
Total sales and other operating revenues	573,779,000	526,018,160			
Total Revenues and Other Income	573,779,000	526,018,160			
Total Costs and Other Deductions					
Income From Continuing Operations Before Income Taxes	154,386,674	139,273,062			
Income Tax Expense	11,579,001	855,640			
Income From Continuing Operations	142,807,674	138,417,422			
Net Income Per Share of Common Stock	142.8077	138.4174			
Cash Dividends Per Share	-	-			
Balance Sheet Data (at Dec. 31)					
Current assets	154,424,012	142,757,377			
Noncurrent assets	405,394,714	418,216,671			
Total Assets	559,818,726	560,974,048			
Short-term debt	13,947,574	12,647,263			
Other current liabilities					
Long-term debt and capital	262,646,056	407,909,363			
Other noncurrent liabilities					
Total Liabilities	276,593,630	420,556,626			
Stockholders' Equity	283,225,096	140,417,422			

A.M. & CO.

MAXTECH ENERGY LIMITED

AUDITED FINANCIAL STATEMENTS FOR THE PERIOD ENDED
31ST DECEMBER, 2022

Abdullahi Maikano & Co.

[Certified National Accountants]

Suite BCB, Platinum Plaza, Behind NEXT, Off Ahmadu Bello Way, Jahi, Abuja..
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DIRECTORS' REPORT

1.0 THE COMPANY

The company,MAXTECH ENERGY LIMITED, was incorporated in Nigeria as a limited liability company. The company's main object is to carry out the business of renewable and conventional energy project development and management, design, built and operate. architectural and engineering activities and ralated technical consultancy.

2.0 DIRECTORS

The following directors serve the company for the year under review;

1. Husein Munir Aminu	Director
2. Hussain Habibu Aminu	Director
3 Yusuf Abdullahi Badamasi	Director

3.0 RESULTS AT A GLANCE

Turnover	**526,018,160**
Operating Profit	**139,273,062**
Capital Employed	**548,326,785**

4.0 AUDITORS

The auditors, Abdullahi Maikano & Co., have indicated their willingness to continue in office pursuant to Section 357 of the Companies and Allied Matters Act [CAMA] 1990 as amended.

5.0 COMPANY SECRETARIES

Business Missouri, Corporate Secretaries.
5, Zoo Road, Kano.

1

AUDITORS' REPORT

TO THE MEMBERS OF MAXTECH ENERGY LIMITED

We have of the completed the audit of the financial statements of MAXTECH ENERGY LIMITEDshown on pages 4 to 6 and the accompanying notes shown on pages 7 to 9.

We have obtained all information and explanations necessary for the conduct of our audit. We obtained that the Company has kept proper books of accounts and records during the eighteen months period ended 31ST DECEMBER 2022 and that the accounts are prepared in accordance with the Generally Accepted Accounting Principles (GAAP).

OPINION

In our opinion and according to the information and explanation given to us, the Balance Sheet has shown a true and fair view of the Company's state of affairs as at 31ST DECEMBER 2022 and the Profit and cash flow for the period ended on same date.

ABDULLAHI MAIKANO & CO.
[Certified National Accountants]

10th Febuary 2023

STATEMENT OF ACCOUNTING POLICIES

The financial statements are prepared based on the following set of accounting policies.

1 BASIS OF REPORTING

The financial statements are prepared based on the historical cost concept.

As such no adjustments have been made with regards to changing price/inflation.

2 FIXED ASSETS

Fixed assets are presented cost less depreciation. Depreciation is charged on fixed assets on the following rates;

Plant & Machinery	15%
Motor Vehicle	20%
Fixtures & Fittings	20%
Office Equipment	15%

3 STOCK

Stocks are presented at lower of cost or net realizable value. Stocks are priced using the First-In-First-Out (FIFO) method.

MAXTECH ENERGY LIMITED
BALANCE SHEET AS AT 31ST DECEMBER 2022

	NOTES	2022
		N
FIXED ASSETS	1	418,216,671
CURRENT ASSETS		
Stocks/WIP	2	72,647,484
Debtors	3	45,263,630
Bank & Cash	4	24,846,263
		142,757,377
LESS: CURRENT LIABILITIES		
Creditors & Accruals	5	12,647,263
Net Current Assets		130,110,114
Total Net Assets		548,326,785
FINANCED BY:		
Share Capital	6	2,000,000
Directors' Loan Account	7	407,909,363
Profit & Loss Account C/F		138,417,422
		548,326,785

DIRECTORS

MAXTEC ENERGY LIMITED

PROFIT & LOSS ACCOUNT FOR THE PERIOD ENDED 31ST DECEMBER 2022

	NOTES	2022
		₦
TURNOVER		526,018,160
LESS: DIRECT COSTS	8	306,790,338
GROSS PROFIT		219,227,822
LESS: OPERATING EXPENSES	9	79,954,760
NET OPERATING PROFIT		139,273,062
PROVISION FOR TAXATION		855,640
PROPOSED DIVIDEND		-
RETAINED EARNINGS FOR THE YEAR		138,417,422
PROFIT & LOSS ACCOUNT B/F		-
PROFIT & LOSS ACCOUNT C/F		138,417,422

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MAXTECH ENERGY LIMITED

CASH FLOW STATEMENT FOR THE PERIOD ENDED 31ST DECEMBER 2022

	2022
	N
PROFIT/(LOSS) AFTER TAX	138,417,422
ADD BACK: Depreciation	12,821,956
	151,239,378
MOVEMENT IN WORKING CAPITAL:	
(Increase)/Decrease in Stock	(72,647,484)
(Increase)/Decrease in Debtors	(45,263,630)
Increase/(Decrease) in Creditors	12,647,263
CASH FLOW FROM FINANCING ACTIVITIES	
Share Capital	2,000,000
Directors' Loan Account	407,909,363
Dividends	-
CASH FLOW FROM INVESTING ACTIVITIES	
Investment	-
Purchase of Fixed Assets	(431,038,627)
Increase/(Decrease in Cash & Cash Equivalents	24,846,263
Cash & Cash Equivalents at Start	-
Cash & Cash Equivalents at End	24,846,263

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

FIXED ASSETS	Balance As At 01/01/2021 ₦	Additions/ (Disposals) ₦	Balance As At 31/12/2022 ₦
Land & Buildings	-	318,585,485	318,585,485
General Plant & Machinery	-	21,858,480	21,858,480
Plant & Machinery	-	0	-
Motor Vehicle		15,857,373	15,857,373
Furniture, Fittings & Equipment	-	74,737,289	74,737,289
	-	431,038,627	431,038,627
LESS: ACCUMULATED DEPRECIATION			
Land & Buildings	-	6,371,710	6,371,710
General Plant & Machinery	-	3,278,772	3,278,772
Factory Plant & Machinery	-	0	-
Motor Vehicle	-	3,171,475	3,171,475
Furniture, Fittings & Equipment	-	14,947,458	14,947,458
	-	12,821,956	12,821,956
NET BOOK VALUE	-		418,216,671

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

		2022 ₦
2	**STOCKS**	72,647,484
	This represents the value of store items at the balance sheet date	
3	**DEBTORS & PREPAYMENTS**	45,263,630
	Trade debtors	
4	**BANK & CASH**	
	Cash in Hand	2,594,856
	Cash at Bank	22,251,407
		24,846,263
5	**CREDITORS & ACCRUALS**	
	Trade Creditors	766,500
	Accruals	11,880,763
		12,647,263
6	**SHARE CAPITAL**	2,000,000
	2,000,000 Authorised, issued and fully paid share capital	
7	**DIRECTORS' LOAN ACCOUNT**	407,909,363
	This represents the total value owed to Directors	
8	**DIRECT COSTS**	
	Opening Stock	-
	Add: Purchases and wages	379,437,822
		379,437,822
	Less: Closing Stock	72,647,484
		306,790,338

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MAXTECH ENERGY LIMITED

NOTES TO THE ACCOUNTS

9	OPERATING EXPENSES	2022
		N
	Salaries and wages	23,818,544
	Depreciation	12,821,956
	Interests/Bank charges	249,665
	Telephone, Internet & postages	1,055,800
	Transport & traveling	17,401,485
	Fuel & lubricants	13,425,600
	Machinery repairs	3,289,530
	Medical expenses	2,272,180
	Audit & accountancy fees	2,150,000
	Legal fees	3,470,000
		79,954,760

MAXTECH ENERGY LIMITED

FIVE-YEAR FINANCIAL SUMMARY

	2022 N	2021 N	2020 N	2019 N	2018 N
STATEMENT OF INCOME DATA					
Total sales and other operating revenues	526,018,160	-			
Total Revenues and Other Income	526,018,160	-			
Total Costs and Other Deductions					
Income From Continuing Operations Before Income Taxes	139,273,062	-			
Income Tax Expense	855,640	-			
Income From Continuing Operations	138,417,422	-			
Net Income Per Share of Common Stock	138.4174	-			
Cash Dividends Per Share	-	-			
Balance Sheet Data (at Dec. 31)					
Current assets	142,757,377	-			
Noncurrent assets	418,216,671	-			
Total Assets	560,974,048	-			
Short-term debt	12,647,263	-			
Other current liabilities					
Long-term debt and capital	407,909,363	-			
Other noncurrent liabilities					
Total Liabilities	420,556,626	-			
Stockholders' Equity	140,417,422	-			

MAXTECH ENERGY POLICIES

CASHES POLICY

MAXTECH ENERGY LIMITED

COMMUNITY AFFAIRS, SAFETY, HEALTH, ENVIRONMENT & SECURITY (CASHES) POLICY

It is our policy to conduct our activities in a manner that safeguards the health and safety of our employees, contractors & subcontractors and the communities and areas in which we work. We conduct our activities in line with our established Community Affairs, Safety, Health, Environment & Security (CASHES) Policy.

January, 2021.
Version 1.4.

1.0 CASHES POLICY

MAXTECH ENERGY believes that good CASHES performance is an integral part of any efficient activity. MAXTECH ENERGY shall therefore strive to ensure that the health, safety, security, and environment of our employees and third parties are safeguarded throughout our operations.

Activities shall be organized, planned, and executed in such a manner as to avoid injuries to employees and persons who are either involved in our activities or may be affected. In MAXTECH ENERGY, CASHES is a line responsibility. Every employee shall be held accountable for the implementation of this policy. Employees shall perform their activities following the policy. Every employee is empowered to suspend a job when it is believed that essential safety systems are not in place.

MAXTECH ENERGY encourages and supports employees to ensure that they take reasonable care of their safety and others who may be affected by their activities. MAXTECH ENERGY shall work with Government organs/departments and corporate and professional bodies to ensure the improvement of our CASHES policies.

Appropriate training of all employees and contractors of MAXTECH ENERGY shall be sustained to ensure that all required CASHES procedures are followed.

Any contractor employee working for or on behalf of MAXTECH ENERGY will be required to work to the policy standards of MAXTECH ENERGY.

The direct responsibility for the implementation of this policy is that of the MAXTECH ENERGY senior management staff under the delegated control of the Chief Executive Officer.

1.1 COMMUNITY RELATIONS POLICY

To enhance the harmonious relationship between the Company and the Host Community, MAXTECH ENERGY shall manage community relations as an integral part of the Company's business and shall ensure that indigenes of her Host Community receive adequate quota both in employment and subcontracts.

Before and during every project MAXTECH ENERGY shall carry out regular meetings with the community leaders.

MAXTECH ENERGY shall take every civil step to avert and ultimately reduce MAXTECH ENERGY and shutdowns culminating from unhealthy Company/community relationships. The Company shall engage 60% of its non-skilled workforce from the host community.

MAXTECH ENERGY shall establish a contact person from the community who shall liaise between the community and the Company on employment, community development projects, and implementation of the Community Relations Policy. The Company shall, when necessary, determine due compensations and or community-oriented projects and implement such.

In the event of community agitation MAXTECH ENERGY shall engage in dialogue with the relevant bodies in the community to work out an amicable means of settlement. Any disturbance or threat shall be immediately reported to the Client.

MAXTECH ENERGY workforce shall respect the traditions and institutions within the host community.

All MAXTECH ENERGY workers and subcontractors shall abide by this policy.

1.2 SAFETY POLICY

MAXTECH ENERGY recognizes that our activities often involve hazardous situations. Therefore, we want to conduct these activities in a manner that will help prevent accidents, injuries, and dangers to the health and well-being of our employees and customers.

Safety is considered in all MAXTECH ENERGY activities. Safety features are engineered into all equipment manufactured or purchased; however, the effectiveness of the safety and loss prevention program depends largely on the knowledge and cooperation of all employees. Employees are to be instructed in safe and efficient methods of doing their jobs and in the appropriate personal protective equipment. Safety training meetings are to be held at regular intervals throughout the company.

We know that rules by themselves cannot prevent accidents, and an effective safety program creates an awareness that extends beyond working hours to involve home and family.

We at MAXTECH ENERGY feel that training in safe working practices is of utmost importance and should be included in all phases of job training.

All employees, whether regular, temporary, or part-time, are expected to observe all safety regulations and commonly recognize safe working practices while on MAXTECH ENERGY premises or in the exercise of their duties off the premises. Employees are to report any unsafe practices or conditions to their supervisor immediately.
Should an accident or injury occur on the job or MAXTECH ENERGY premises, employees shall secure treatment and first aid. A report on the accident shall be made after proper investigation.
Control of accidents is the responsibility of all employees and accountability OF MAXTECH ENERGY with the supervisors and managers of each operation.
The safety department is responsible for monitoring company safety practices and for reporting to the Managing Director the status.

1.3 OCCUPATIONAL HEALTH POLICY

MAXTECH ENERGY in its operations shall concern itself with all aspects of the workers' health and relationship with their work environment. Every employee of the company shall before appointment undergo medical certification.
A good occupational health program shall be in place to ensure that:
1. Employees are protected against health hazards in the work environment.
2. Placement is facilitated and individuals are suitable, according to their physical capacities, mental abilities, and emotional make-up in work that they can perform without endangering their health and safety and that of other workers
3. Personal health maintenance is encouraged. The company makes provision for the first Aid units and engages qualified MEDICS to administer the same. In addition to this, the company establishes a retainer-ship with approved clinics. This is to ensure that, where the need arises, adequate medical attention and care is given to employees.

MAXTECH ENERGY believes that there is a relationship between accident prevention and good health programs, it is therefore our philosophy to maintain a healthful environment.

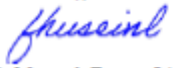
1.4 ENVIRONMENTAL POLICY

MAXTECH ENERGY is poised to achieve the highest standard of environmental safety on all our job sites.
All MAXTECH ENERGY activities will be performed in an environmentally friendly and sound manner. No activity shall commence until the environmental implications are thoroughly considered and addressed.
A high level of environmental awareness will be maintained within the job sites. Employees are encouraged to ensure that environmental concerns are addressed during job planning and execution. Special attention will be given to the preservation of the air, soil, water, plant, and animal lives from the impact of our activities.
All wastes generated during any project shall be gathered, treated, and disposed of following MAXTECH ENERGY Waste Management Plan. Generated wastes shall not be dumped into the environment.
Adequate controls shall be put in place to reduce and where possible, eliminate the impact of such nuisance as noise, dust, smell, vibrations, etc.
Employees are encouraged to maintain good housekeeping throughout and at the end of every activity.
MAXTECH ENERGY's goal on every project is to ensure that every job site is left as near its original state as possible, at the end of project activities.
It is the responsibility of every employee to implement this policy and ensure complete post-activity cleanup.

1.5 SECURITY POLICY

Security Affairs shall remain an integral aspect of the MAXTECH ENERGY CASHES Policy.
Theft, conversion, misappropriation, or unauthorized removal, possession, or without due authority use of MAXTECH ENERGY property, including, but not limited to materials, facilities, tools, equipment, documents, and proprietary information or any items of property of other employees or customers/clients is prohibited.
To this effect, MAXTECH ENERGY shall engage the services of trained security personnel to man our job sites and facilities. To augment the Company's security outfit, licensed professional security organizations may be engaged by MAXTECH ENERGY management to ensure wider security coverage.
Where serious threats to lives and properties exist MAXTECH ENERGY shall seek and engage the services of the Nigerian Police Force to maintain law and order. Such circumstances include cases of mob attacks, serious community attacks, piracy, and armed robbery.
When necessary, MAXTECH ENERGY shall provide torches, communication gadgets, batons, and other security equipment to enhance the performance of the security personnel.
Only authorized government Law Enforcement Agents shall be allowed to carry arms within the Company facilities.
Strict access control policy and the wearing of I.D. cards shall be enforced on all job sites and company facilities.
Security officers are by this policy empowered to arrest and report any violators of this policy and persons constituting a threat to lives and properties to the Management. Such persons so arrested shall be expelled from the Company facilities and handed over to the Nigerian Police for prosecution.

Signed:



CEO, Maxtech Energy Limited
Dr. Munir Aminu Husein
Date: January 11, 2021

MAXTECH ENERGY POLICIES

QUALITY CONTROL POLICY

MAXTECH ENERGY LIMITED

QUALITY CONTROL POLICY

At Maxtech Energy, we recognize the critical importance of quality control in ensuring the reliability and performance of our renewable energy solutions. Our Quality Control Policy is designed to establish rigorous standards and procedures to maintain the highest level of quality throughout all stages of our operations, from design and development to implementation and maintenance.

January, 2021.
Version 1.1.

1. Quality Control Objectives:

- Ensure that all products and services meet or exceed industry standards and client expectations.
- Identify and rectify any deviations from specifications or standards promptly.
- Continuously improve processes to enhance product quality and efficiency.
- Minimize risks and ensure compliance with relevant regulations and standards.

2. Design and Development Phase:

- Conduct thorough research and analysis to ensure that design specifications meet client requirements and industry standards.
- Utilize state-of-the-art technology and best practices to optimize the design and functionality of renewable energy solutions.
- Implement comprehensive testing protocols to validate the performance and reliability of design concepts before moving to the implementation phase.

3. Procurement and Supply Chain Management:

- Source materials and components from reputable suppliers who meet our quality standards and sustainability criteria.
- Conduct quality inspections and audits of incoming materials to ensure they meet specifications and regulatory requirements.
- Maintain close relationships with suppliers to facilitate open communication and address any quality issues promptly.

4. Construction and Implementation:

- Employ skilled technicians and engineers who are trained to execute projects according to established quality standards and protocols.
- Implement quality control checkpoints at key stages of construction to verify compliance with design specifications and safety regulations.
- Conduct regular inspections and quality audits to identify and address any deviations or deficiencies in construction practices.

5. Testing and Commissioning:

- Conduct rigorous testing and commissioning procedures to verify the performance and functionality of renewable energy systems.
- Ensure that all systems meet or exceed performance metrics and regulatory requirements before handover to the client.
- Provide comprehensive documentation and training to clients to facilitate the seamless operation and maintenance of renewable energy solutions.

6. Operation and Maintenance:

- Establish proactive maintenance schedules and procedures to ensure the ongoing performance and reliability of renewable energy systems.
- Monitor system performance through regular inspections, data analysis, and predictive maintenance techniques.
- Provide responsive support and troubleshooting services to address any issues or concerns promptly and minimize downtime.

7. Continuous Improvement:

- Encourage feedback from clients, employees, and stakeholders to identify opportunities for improvement in our quality control processes.
- Implement corrective and preventive actions to address root causes of quality issues and prevent recurrence.

- Invest in research and development to stay at the forefront of technological advancements and best practices in the renewable energy industry.

Implementation and Review: This Quality Control Policy is communicated to all employees and contractors involved in the design, development, implementation, and maintenance of renewable energy projects at Maxtech Energy. It is regularly reviewed and updated to ensure its continued effectiveness and relevance in meeting our quality objectives.

Signed:

CEO, Maxtech Energy Limited
Dr. Munir Aminu Husein
Date: January 11, 2021

MAXTECH ENERGY POLICIES

QUALITY ASSURANCE POLICY

MAXTECH ENERGY LIMITED

QUALITY ASSURANCE POLICY

At Maxtech Energy, we are committed to delivering the highest quality products and services in the renewable energy sector. Our Quality Assurance Policy is designed to ensure that every aspect of our operations, from consultancy services to project development, adheres to the highest standards of excellence and reliability.

January, 2021.
Version 1.3.

1. Commitment to Quality: We are dedicated to providing renewable energy solutions that meet or exceed the expectations of our clients. Our commitment to quality is unwavering, and we continuously strive to improve our processes and technologies to deliver superior products and services.

2. Compliance with Standards: We adhere to all relevant industry standards and regulations governing renewable energy technologies. Our team is knowledgeable about the latest standards and ensures that our projects and products are in full compliance with them.

3. Continuous Improvement: We believe in the principle of continuous improvement and are committed to identifying areas for enhancement in our processes, products, and services. We encourage feedback from our clients and stakeholders to drive innovation and improvement in everything we do.

4. Skilled Workforce: We invest in our employees by providing them with the necessary training and resources to excel in their roles. Our team of experts is equipped with the skills and knowledge required to deliver high-quality solutions that meet the unique needs of our clients.

5. Risk Management: We proactively identify and mitigate risks that may impact the quality of our projects and services. By implementing robust risk management strategies, we ensure that potential issues are addressed promptly and effectively to prevent any negative impact on quality.

6. Customer Satisfaction: Customer satisfaction is paramount to us. We are committed to understanding our clients' needs and delivering solutions that exceed their expectations. We regularly solicit feedback from our clients and take proactive measures to address any concerns or issues raised.

7. Environmental Responsibility: As a company operating in the renewable energy sector, we recognize our responsibility to minimize our environmental impact. We integrate environmentally sustainable practices into our operations and strive to develop projects that contribute positively to the health of the planet.

8. Transparency and Accountability: We maintain transparency and accountability in all our dealings, both internally and externally. Our processes are transparent, and we hold ourselves accountable for the quality of our workmanship, products, and services.

9. Documentation and Record-Keeping: We maintain comprehensive documentation and records of all our projects, processes, and quality control measures. This ensures traceability and provides a basis for continuous improvement and accountability.

10. Compliance with Ethical Standards: We conduct our business with the highest ethical standards, ensuring integrity, honesty, and fairness in all our dealings. We uphold ethical principles in our interactions with clients, suppliers, partners, and the community at large.

Implementation and Review: This Quality Assurance Policy is communicated to all employees and stakeholders of Maxtech Energy. It is regularly reviewed and updated to reflect changes in technology, regulations, and best practices. Our commitment to quality remains steadfast as we strive for excellence in the renewable energy industry.

Signed:

CEO, Maxtech Energy Limited
Dr. Munir Aminu Husein
Date: January 11, 2021