



# Nigeria plans energy storage project in Lagos





## Overview

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Empower New Energy has signed two new solar and battery storage contracts with Jendol Superstores and Juddy-Bolema Industries Limited in Nigeria, marking a significant step in the country's transition toward distributed renewable energy. The agreements, formalized at the Nordic Nigeria Connect.

Aed Energy has announced a new thermal battery pilot project at Pan-Atlantic University (PAU) in Lagos, which it hopes will open up new clean energy on-site power options in Nigeria and other territories. The UK-based company is a developer of next-generation thermal energy storage, with solutions.

The Lagos renewable energy transformation project aimed to address the city's significant electricity deficit and create a cleaner, more secure energy future by leveraging renewable energy solutions and enhancing energy efficiency. Commissioned by C40 Cities, Arup conducted an extensive study.

Aed Energy, a UK-based developer of next-generation thermal energy storage, has announced a new pilot project at Pan-Atlantic University (PAU) in Lagos, Nigeria, as part of ZE-Gen's international innovation programme. Advancing practical solutions to displace fossil fuel generators, the programme.

In a bid to address the city's growing energy demands and reduce its reliance on fossil fuels, the state government aims to integrate innovative renewable technologies and enhance energy access for its millions of residents. This forward-thinking initiative seeks not only to mitigate the.

Nigeria's energy transition in 2025 is no longer being defined by incremental megawatts added to the national grid. Instead, it is being driven by a quieter but more consequential shift: the rise of decentralised, storage-backed power systems



engineered for reliability, autonomy and economic.



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### Lagos Unveils Ambitious Renewable Energy and Power Supply Plan

Lagos, Nigeria's bustling commercial capital, has taken a significant stride towards lasting growth with the recent unveiling of its ambitious Renewable Energy and Power Supply ...

### Empower New Energy expands solar projects in Nigeria with \$4M

The agreements, formalized at the Nordic Nigeria Connect event in Lagos in October 2025, cover approximately 4 MWp of rooftop solar and 3.5 MWh of battery storage, ...



### Nigeria , Culture, Facts & Travel ,

Nigeria is a developing country in western Africa that has experienced periods of political and communal violence. It has the largest population on the continent, estimated at over 170 ...

### Nigeria , History, Population, Flag, Map, Languages, Capital,

Nigeria is a country located on the western coast of Africa that has a diverse geography, with climates ranging from arid to humid equatorial.



Hundreds of languages are ...



## Jinko Solar Successfully Delivered its First SunTera ESS for the ...

Jinko ESS, a global leading energy storage company, has secured a 10MWh energy storage project in Southeast Asia region, and will deploy a 10MWh off-grid energy ...



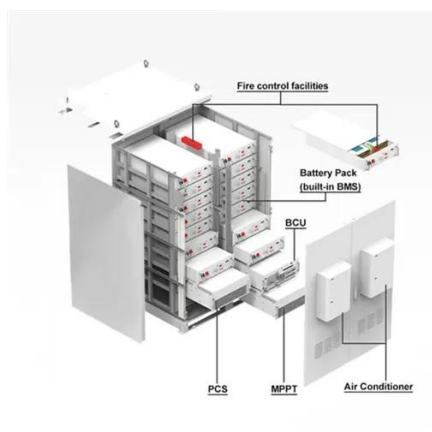
## Nigeria

Visit the Definitions and Notes page to view a description of each topic.



## AED Energy to Build Next-Generation Thermal Energy Storage Plant in Nigeria

Aed Energy, a UK-based developer of next-generation thermal energy storage, has announced a new pilot project at Pan-Atlantic University (PAU) in Lagos, Nigeria, as part of ZE ...

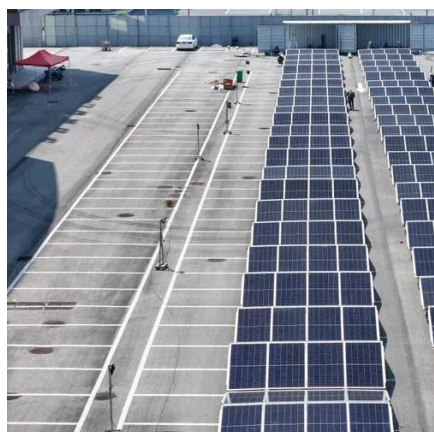






## Hundreds of electric vehicle charging stations coming to Lagos

LUG West Africa has announced plans to establish a local assembly plant for street lighting and more than 250 electric vehicle (EV) charging points across Lagos.



## All About Nigeria

The Federal Republic of Nigeria is a federal constitutional republic located in West Africa. It shares borders with Benin, Chad, Cameroon, and Niger.

## [Empower New Energy expands solar projects in ...](#)

The agreements, formalized at the Nordic Nigeria Connect event in Lagos in October 2025, cover approximately 4 MWp of rooftop ...



## Empower New Energy Delivers First-of-Its-Kind Solar PV + Battery Energy

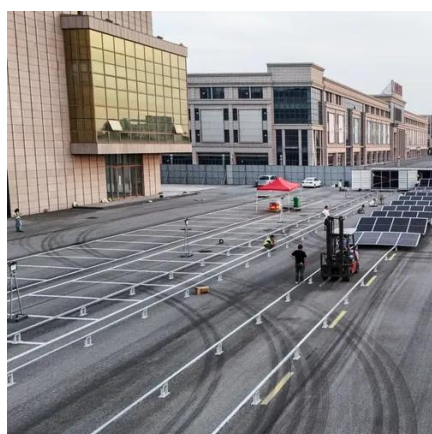
The complete project spans Lagos, Ogun, and Oyo states, totalling a capacity of 3,050 kWp of solar PV and 6,000 kWh of battery storage. The solarisation of all ten ...





## [Nigeria Energy Transition & Investment Plan](#)

In December 2023, the World Bank approved the Nigeria Distributed Access through Renewable Energy Scale-Up (DARES) project, marking it as the largest single distributed energy initiative ...



## [About Nigeria , Consulate General of Nigeria in New York](#)

Explore Nigeria's rich history, diverse culture, strategic location, and growing economy. Learn about our nation's heritage, people, and global contributions.

## [Lagos Renewable Energy Transformation Project](#)

We recommended a suite of measures, including localised solar power generation, energy efficiency improvements, and battery storage ...



## **About Nigeria - Embassy of The Federal Republic of Nigeria, ...**

Nigeria is located on the west coast of Africa and is the most populous black country in the world, bordering the North Atlantic Ocean, between Benin and Cameroon.



## Nigeria

Nigeria borders Niger in the north, Chad in the northeast, Cameroon in the east, and Benin in the west. Nigeria is a federal republic comprising 36 states and the Federal Capital Territory, ...

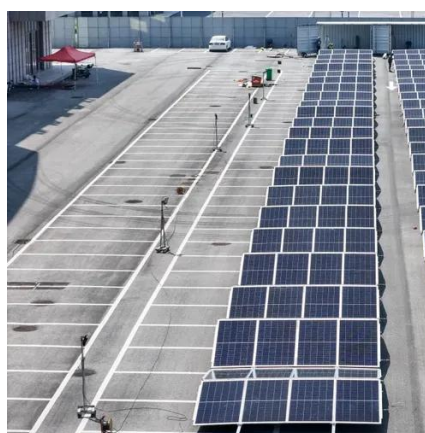


## Nigeria

Nigeria, officially the Federal Republic of Nigeria, is the most populous country in Africa. Archaeological evidence shows that human habitation of the area dates back to at least 9000 ...

## [AED Energy to Build Next-Generation Thermal ...](#)

Aed Energy, a UK-based developer of next-generation thermal energy storage, has announced a new pilot project at Pan-Atlantic ...



## [Empower New Energy Delivers First-of-Its-Kind ...](#)

The complete project spans Lagos, Ogun, and Oyo states, totalling a capacity of 3,050 kWp of solar PV and 6,000 kWh of battery ...





## Nigeria

The Abuja National Mosque is the national mosque of Nigeria located in Nigeria's capital Abuja. A virtual guide to Nigeria, officially the Federal Republic of Nigeria, a country in the south east of ...



### Lagos Renewable Energy Transformation Project

We recommended a suite of measures, including localised solar power generation, energy efficiency improvements, and battery storage solutions. We also proposed a collaborative ...



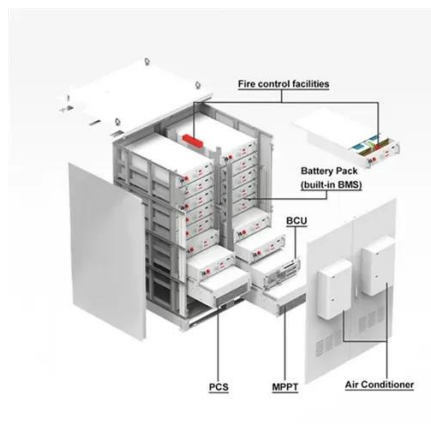
## 7 landmark solar and storage projects redefining how Nigeria ...

The project highlights how Nigerian developers are moving beyond basic solar adoption toward integrated energy systems that prioritise uptime, operational efficiency and ...



### **Aed Energy pilots on-site power clean energy solution at Pan ...**

Aed Energy has announced a new thermal battery pilot project at Pan-Atlantic University (PAU) in Lagos, which it hopes will open up new clean energy on-site power options ...





## Lagos Unveils Ambitious Renewable Energy and ...

Lagos, Nigeria's bustling commercial capital, has taken a significant stride towards lasting growth with the recent unveiling of its ...





## Contact Us

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