



**RURAL ELECTRIFICATION AGENCY**  
ENERGY=EMPOWERMENT=EFFICIENCY

## **SCALING UP ENERGY ACCESS:** **AN OVERVIEW OF THE REA STRATEGY**



## REA'S VISION STATEMENT

Nigeria achieving **universal access** to **affordable and sustainable electricity**, thus improving **the quality of life and economic opportunities** for **unserved and underserved communities**.





## THE RURAL ELECTRIFICATION AGENCY

The Nigerian Rural Electrification Agency (REA) is the Implementing Agency of the Federal Government of Nigeria tasked with electrification of rural and unserved communities

### MISSION

To provide access to reliable electric power supply for rural dwellers irrespective of where they live and what they do, in a way that would allow for reasonable return on investment through appropriate tariff that is economically responsive and supportive of the average rural customer

### THE REA MANDATE

1. Promote Rural Electrification in the Country
2. Co-ordinate Rural Electrification Programs in the country
3. Administer the Rural Electrification Fund (REF) to promote, support and provide rural electrification through Public and Private Sector Participation



## CLOSING THE ENERGY GAP

The current energy gap is huge. With over **80 million** Nigerians lacking access to reliable energy, the Agency is positioned to drive programmes and initiatives geared towards accelerating access to electricity across the nation. Energy remains this most critical enabler for national development.






In order to power Nigeria, one community at a time and meet up with the Sustainable Development Goals (SDG7), the Agency continues to implement the mandate of the Nigerian government.





## THE REA APPROACH: OUR PROGRAMMES

At REA, we are accelerating the combination of centralized and decentralized approach to closing the energy gap.

• Energy Database/ Geospatial Tool	• Nigeria Electrification Project • Rural Electrification Fund • Mini-Grid /Interconnected Mini-Grid Acceleration Schemes	• Grid Extension • Nigeria Electrification Project • Energizing Education • Rural Electrification Fund	• Energizing Economies	• Nigeria Electrification Project • Institutional Capacity Component
 <p><b>Increasing Sector Coordination</b> Programs support greater collective impact through increased coordination of the public sector, particularly Federal, State, and local governments, donor organizations, and private sector rural electrification efforts throughout Nigeria.</p>	 <p><b>Enabling Electricity Markets</b> Programmes strengthen electricity markets across the value chain by an effective enabling environment, including access to innovative and attainable finance mechanisms, market data and harmonized regulation</p>	 <p><b>Reaching Communities in Need</b> Programmes improve quality of life through the electrification of unserved and underserved households &amp; institutions (health, education, etc.) and economic sectors via grid extension &amp; off-grid solutions, such as SHS and mini-grids</p>	 <p><b>Increasing Economic Opportunity</b> Programmes increase economic opportunities in rural areas through electrification initiatives that reach SMEs, agriculture, and other priority segments</p>	 <p><b>Shaping REA into a Top-Tier Agency</b> Programmes provide internal development, employee support initiatives, and transparent work practices to solidify REA as an agency that builds and maintains its institutional capacity by attracting and retaining expert talent and partnerships</p>

## POWERING HEALTHCARE FACILITIES

All over the world, reliable and sustainable energy is critical to healthcare service and delivery. The COVID-19 pandemic only further emphasized the need for fortified healthcare infrastructure in Nigeria. Part of our reaction to this was revealed in April, 2020 when we accelerated access to clean, safe and reliable energy in 4 isolation centers across Nigeria.

The projects includes a

**53.1KWp** solar hybrid mini-grid installed at the University of Abuja Teaching Hospital Covid-19 Isolation Center,

**25KWp** solar hybrid mini-grid at Nigeria Center for Disease Control (NCDC) Public Health Laboratory in Lagos as well as

**20KWp** solar hybrid mini grid at 128 Bed Ikenne Isolation Center and

**10KWp** solar Mini hybrid mini grid at 100 Bed Iberekodo Isolation Center in Ogun State.

Making it a total of **108.KWp**

This intervention is currently serving frontline workers, while also powering critical loads such as ventilators and cooling equipment in isolation centers.





**Beyond our prompt reaction to the COVID-19 pandemic, the REA through the Nigeria Electrification Project (NEP) plans to address the energy challenges in healthcare by providing clean, safe and reliable power in 100 isolation centres and 400 Primary Healthcare Centres using integrated containerized hybrid systems.**



## STRATEGIC PRIORITIES



### Implement and coordinate



#### Increasing Sector Coordination

Support greater collective impact through increased coordination of the public sector, donor, and private sector rural electrification efforts throughout Nigeria



### Promote a sustainable market



#### Enabling Electricity Markets

Electricity markets for unserved and underserved users strengthened across the value chain by an effective enabling environment, including access to innovative and attainable finance mechanisms, market data and harmonized regulation



### Focus on the Unserved and Underserved



#### Reaching Unserved & Underserved Communities

Improved quality of life through the electrification of unserved and underserved households & institutions (health, education, etc.) and economic sectors via grid extension & off-grid solutions, such as SHS and mini-grids



#### Increasing Economic Opportunity

Increased economic opportunities in rural areas through electrification initiatives that reach SMEs, agriculture, healthcare sector, and other priority industry segments



### Excellence in Delivery and Talent



#### Shaping REA into a Top-Tier Agency

Providing internal development programs, employee support initiatives, and transparent work practices to solidify REA as an agency that builds and maintains its institutional capacity by attracting and retaining expert talent and related partnerships



## SUSTAINING ENERGY ACCESS

### Capital Projects

- Grid Extension
- Minigrid
- Solar Home Systems
- Energizing Education Programme

### Rural Electrification Fund

- Mini-Grid Acceleration Schemes
- Interconnected Mini-Grid Acceleration Schemes
- Solar Home Systems

### Nigeria Electrification Project

- Solar Minigrid
  - Minimum Subsidy Tender
  - Performance-Based Grant
- Solar Home Systems
- Energizing Education Programme
- Productive Use Appliances

- ✓ Pre-project community sensitization
- ✓ Electricity User Campaign
- ✓ Renewable Energy User Cooperative Society
- ✓ Standards and Specifications
- ✓ EEP: Sustainability and Governance Structure

- ✓ PPP Guidelines
- ✓ Developer/REF-originated
- ✓ Electricity Campaigns- REUCS
- ✓ Standards and Specifications

- ✓ Developer/NEP originated
- ✓ Environmental & Social reviews
- ✓ NERC licenses
- ✓ Community Agreements
- ✓ EEP Sustainability Planning



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Website: [www.rea.gov.ng](http://www.rea.gov.ng)

Email: [info@rea.gov.ng](mailto:info@rea.gov.ng)



@REANigeria



@realREANigeria



@REANigeria



@realREANigeria