

GRID BANK

Investment Relations Team 2017

**“WITHOUT POWER,
THE FUTURE CANNOT
SHINE.”**

A young girl with dark skin is shown in profile, looking down at an open book she is holding. She is wearing a green and white striped tank top. The scene is dimly lit, with the primary light source being two glowing candles in the background, which cast a warm, yellowish glow. The background is dark, suggesting an indoor setting at night.

**“NIGERIA IS GROWING
AND SO ARE IT’S NEEDS.”**

#smartenergy

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**“ENERGY IMPACTS
EVERY SECTOR AND
EVERY LIFE.”**

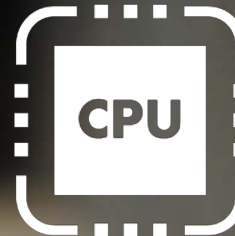
#powerequalizes



BANKING



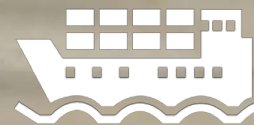
MANUFACTURING



ELECTRONICS



GOVERNMENT



LOGISTICS



HEALTH

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**“THERE IS A SHIFT
TO TURN ON THE
LIGHTS AND TO KEEP
THEM ON.”**

#powerenables



Productivity + Stability + Quality = Nigeria's Growth

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A night scene on a rooftop in Nigeria. A group of people, including men, women, and children, are gathered around a utility pole. Some are sitting on the ground, while others are standing or leaning against the pole. The scene is illuminated by a warm, yellow light, likely from a street lamp or a nearby building. In the background, there are palm trees and a thatched roof. The overall atmosphere is one of a community meeting or a social gathering in a rural or semi-urban setting.

**“HOW CAN NIGERIA COMPETE
IN THE GLOBAL ECONOMY,
WITHOUT PROPER POWER?”**

#powerprogresses

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POWER LEADERS

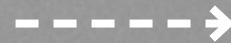
vs.

NIGERIAN POWER

Largest USA Power Plant Capacity

6,809 MW

*the Grande Coulee Dam



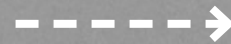
All Nigeria's Available Capacity

5,000 MW

*from 23 power plants

CANADA 2010 - Household Electricity Consumption

11,879 kwh/year



NIGERIA 2010 - Household Electricity Consumption

570 kwh/year

The World Average Residential Electricity Use Per Capita

731 kWh/year



Nigeria's Residential User Per Capita

74 kWh/year



**“THE DEMAND IS REAL AND
SO ARE THE OPPORTUNITIES.”**

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“NIGERIA’S MARKET SIZE”

+200 Million

POPULATION OF NIGERIA 2017
Total Available Market

+40 Million

POWER DEFICIENT AREAS
Servicable available market

20 Million

CLINOTECH POWER
Market Share

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“CLINOTECH 4 P’s OF POWER”

#howtothink

1

PREPARATION

Understand and service areas that are most in need. Secure government and private projects that will create immediate impact.

2

PLANNING

Working with the right organizations and engineers to ensure investor dollars translates to manageable timelines and deliverables.

3

PERFORMANCE

Executing on throughput, reliability and durability to create power projects that are scallable and profitable.

4

PERFECTING

Analyzing data and improving customer related services to improve the preparing, planning and performance stages.

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“THE PREPARATION IS TO DISTRIBUTE”

#thebigchange

GENERATION

Creating more usable forms of energy and increasing overall megaWatt capacity.

TRANSMISSION

Building and maintaining more efficient transmission lines in order to reduce energy waste.

DISTRIBUTION
Distributing energy to high need areas first, and putting excess energy back to the grid.



CUSTOMER

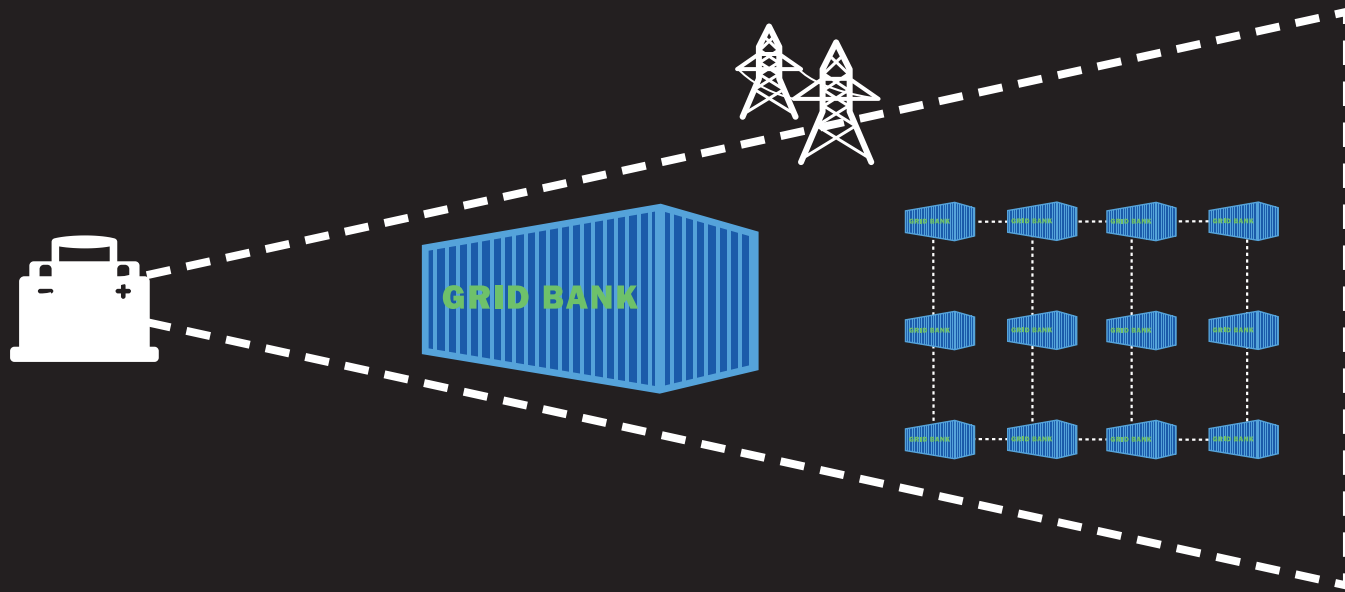
Reducing black out times and giving more modern client facing services.

1

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“THE PLAN IS THE GRID BANK”

#distributeandstore



GRID EFFICIENCY

30% of all power generated is lost due to over production to meet peak demand. We plan on reducing this loss via new technology.

SMART GRID

Big data and smart controls will allow the Grid Bank to deliver energy when and where it is needed.

ENVIRONMENT

Grid Bank will reduce carbon emissions and provide storage during transition period. The new technology has 10x the life of competing technologies.

SECURITY

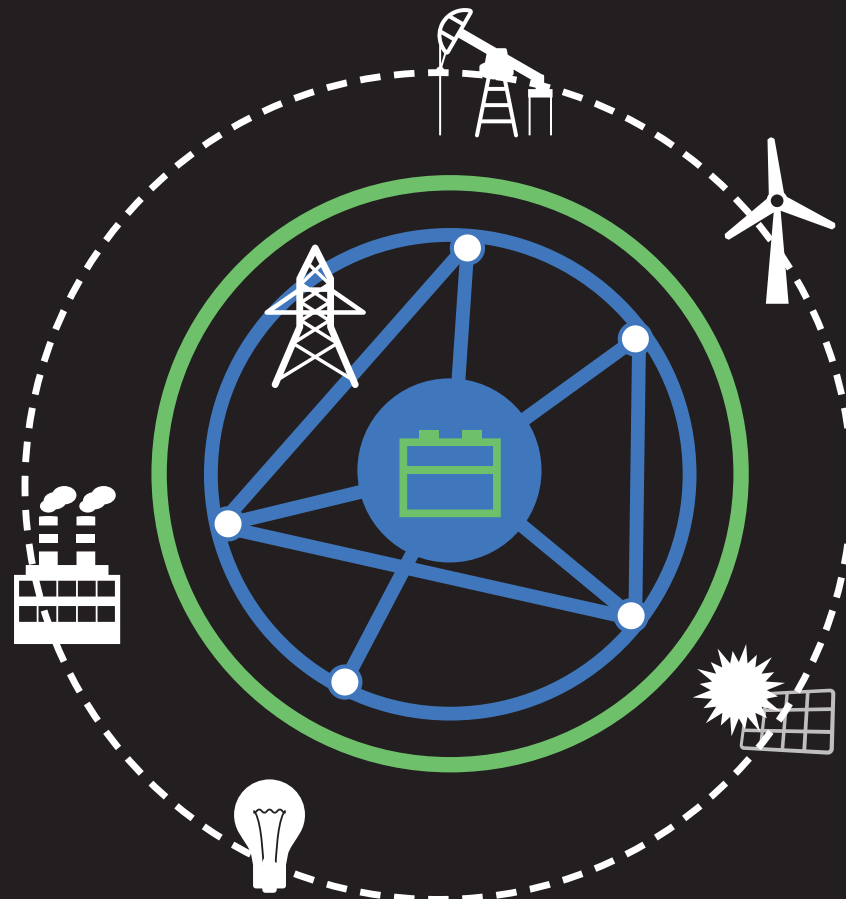
Our 247 energy goals is to create a reliable and predictable system. This will work towards reducing consumer energy bills and over reliance on back up generators.

2

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“OPTIMIZING PERFORMANCES”

#247connection



3

“Nigerians spend 3X more on utility bills running back-up generators.”

#powerless

- QUARTZ AFRICA

“THE GOAL IS TO PERFECT THE SERVICES”



Consistent Power

+



Smart Meters

+



Increase Automation

4

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An aerial photograph of a power substation. In the foreground, a large white corrugated metal container is parked on a paved area. The container features a blue logo consisting of a recycling symbol with a lightning bolt in the center, and the word "GRIDBANK" in blue capital letters below it. In the background, there are several large electrical transformers and metal structures on a gravel pad. To the left, there is a grassy area with a paved path and a smaller white container. The scene is set in a rural or semi-rural area with trees and utility poles in the distance.

**“THE ABILITY TO TIME-SHIFT
ENERGY STORING AND
DELIVERING WHEN AND
WHERE IT IS NEEDED.”**

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“MARKET ANALYSIS”

20 Million



\$204 USD /year



\$4.08 Billion

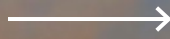
CLINOTECH POWER
Market Share

THE AVERAGE NIGERIAN
Household Electric Bill is
\$3,774 NGN Per Month

MARKET VALUE
2020 - 2021

THE GAME PLAN

100 Million USD



5 year plan



+30% Returns

GRID BANK PHASE 1

25 year Joint Venture with
Abuja Electricity Distribution Company
(ADC)

+\$30,000,000 USD
NET GAIN

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“OUR MISSION IS TO HEAL”

Every Single Day Nigeria loses 2,300 under five year olds and 145 women of childbearing age. This makes the country the second largest contributor to the under - five and maternal mortality rate in the world. - UNICEF 2015

Then Why Power?

Life critical equipment needs energy to save lives. This relationship helped us understand that power is an essential component in developing health and infrastructure projects in Nigeria. Since then we have made it our priority and solution.

THE END



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