



FEDERAL MINISTRY OF POWER

Ministerial Performance Report

IMPLEMENTATION OF IDENTIFIED PRIORITIES AND DELIVERABLES OF FEDERAL MINISTRY OF POWER

By

**ENGR. SALE MAMMAN
HONOURABLE MINISTER**

&

**GODDY JEDY-AGBA, OFR
HONOURABLE MINISTER OF STATE**

COVERING THE PERIOD 21ST AUGUST, 2019 – 18TH FEBRUARY, 2020

Presented at

FEDERAL EXECUTIVE COUNCIL

ON

WEDNESDAY, 19TH FEBRUARY, 2020





FEDERAL MINISTRY OF POWER



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HONOURABLE MINISTER
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MRS DIDI WALSON-JACK, mni
PERMANENT SECRETARY
FEDERAL MINISTRY OF POWER



OUTLINE

- **BACKGROUND**
- **INTRODUCTION**
- **KEY PERFORMANCE INDICATORS, BASELINE & TARGETS**
- **IMPLEMENTATION UPDATE - FINANCIAL**
- **KEY ACTIVITIES & LEVEL OF IMPLEMENTATION ON MINISTERIAL DELIVERABLES**
- **ACHIEVEMENTS AND CHALLENGES**
- **CONCLUSION, RECOMMENDATIONS AND PRAYERS**

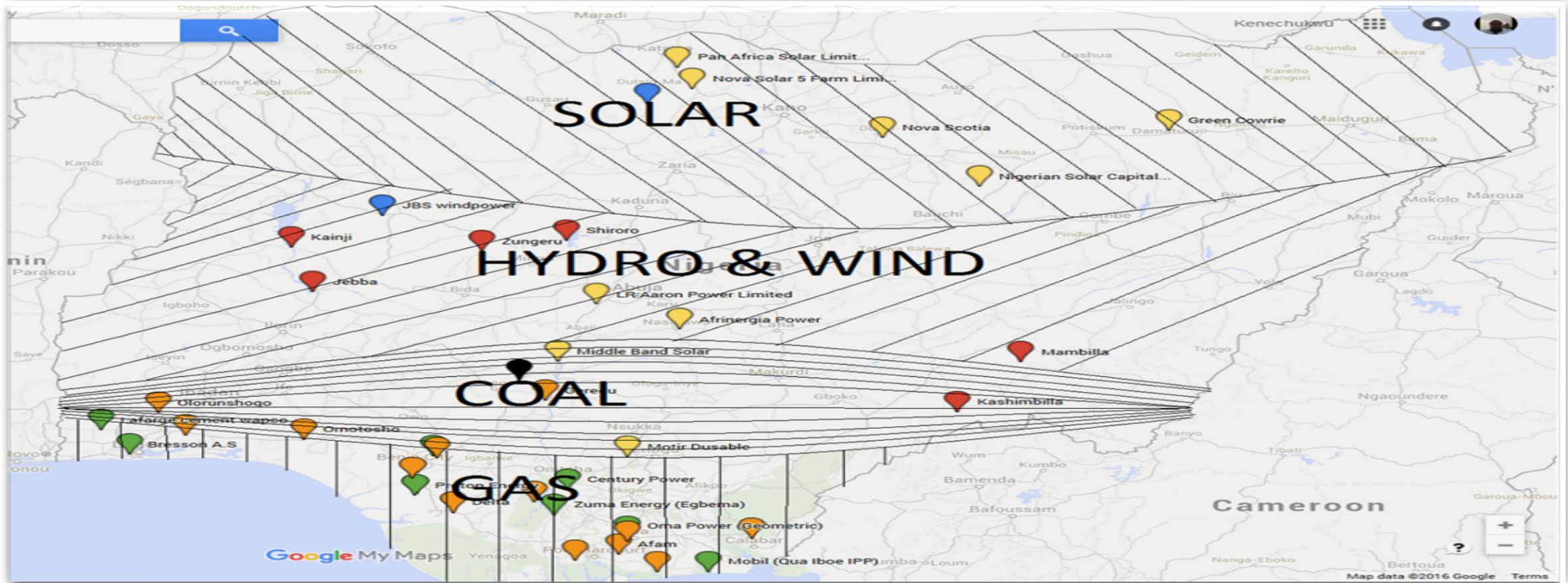


BACKGROUND



BACKGROUND

GEOGRAPHICAL DISTRIBUTION OF NATURAL ENERGY RESOURCES

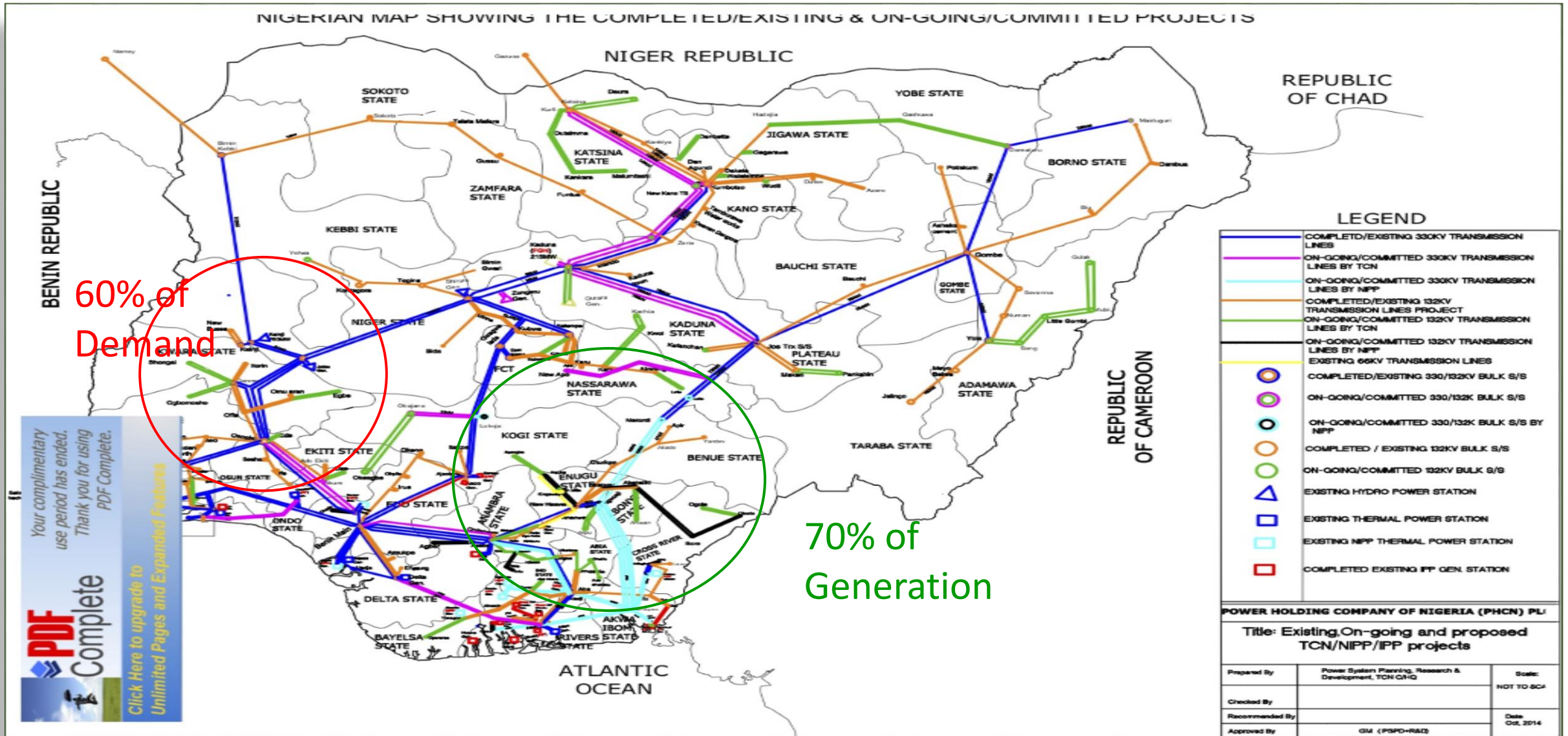


Existing Hydro Power Plants	Prospective Hydro Power Plant	Solar Power Plant	Wind Power Plants
Existing Gas Power Plants	Prospective Gas Power Plant	Prospective Coal Power Plant	



BACKGROUND (CONT'D)

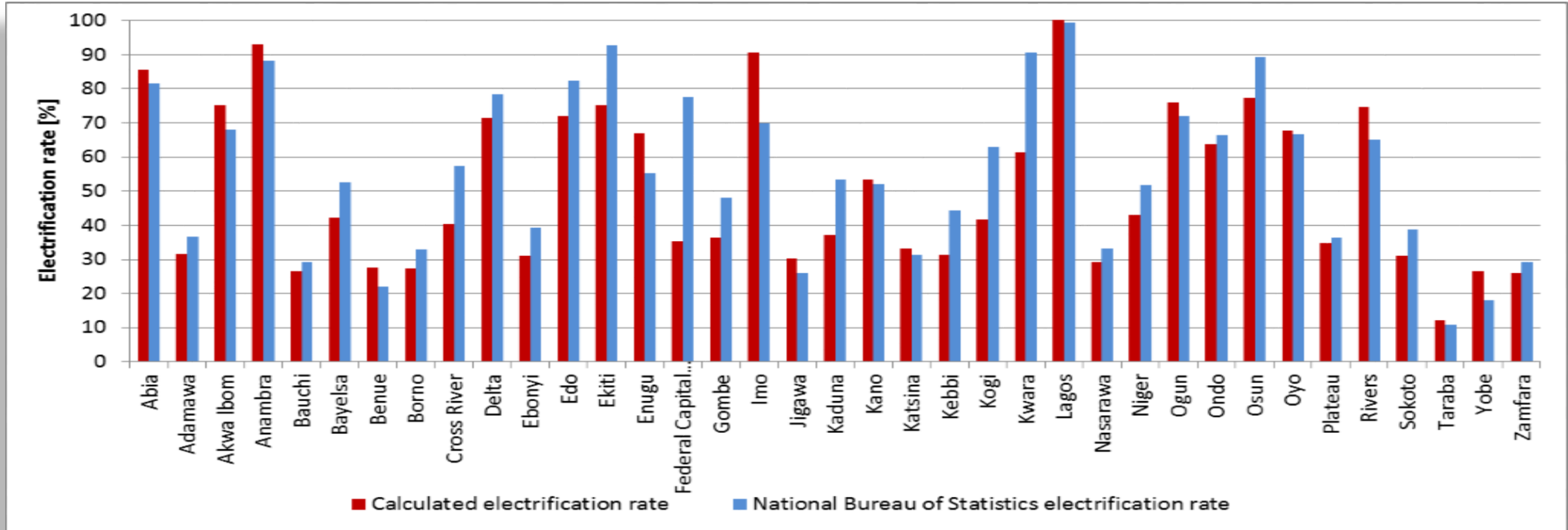
CURRENT LEVEL OF POWER INFRASTRUCTURE





BACKGROUND (CONT'D)

CURRENT RATE OF ELECTRIFICATION PER STATE



- Among the lowest per capita electricity supply in Africa
- High rural to Urban Migration

KW, KG, NG =>50%
TR, YB <20%
LG, IM, EN AB, AM>80



INTRODUCTION



INTRODUCTION

The Federal Ministry of Power formulates and implements Policies of the Federal Government of Nigeria (FGN) for the development and efficient operation of the Nigerian Electricity Supply Industry (NESI).



INTRODUCTION (CONT'D)

The Ministry monitors and superintends:

- ☐ Generation**
- ☐ Transmission**
- ☐ Distribution**

of Electricity.

This responsibility is enshrined in item 13 of the Concurrent Legislative List of the 1999 Constitution of the Federal Republic of Nigeria, as amended.



INTRODUCTION (CONT'D)

The Ministry is also guided by the provisions of:

- ❑The National Electricity Power Policy (NEPP) of 2001;**
- ❑The Electricity Power Sector Reform (EPSR) Act of 2005;**
- ❑The Roadmap for Power Sector Reform of August 2010;**
- ❑Rural Electrification Implementation Strategy Plan 2016;**
- and**
- ❑Investment Guidelines among others.**



INTRODUCTION (CONT'D)

VISION

To be a key enabler of community and economic growth by facilitating delivery of functional, affordable and reliable power supply in Nigeria.

MISSION

Expedite national development by providing policies, systems and structures which ensure delivery of reliable, functional and cost effective power supply to Nigerians.

MANDATE

Initiate and coordinate policies and strategies for the sustainable development of reliable power supply in Nigeria.



INTRODUCTION (CONT'D)

The Ministry executes its mandate through Six (6) Agencies, namely:

- **Nigerian Electricity Regulatory Commission (NERC)**
- **Transmission Company of Nigeria (TCN)**
- **Nigerian Electricity Management Services Agency (NEMSA)**
- **Rural Electrification Agency (REA)**
- **Nigerian Electricity Liability Management Company (NELMCO)**
- **National Power Training Institute (NAPTIN)**
- **Nigerian Bulk Electricity Trading PLC (NBET)**



INTRODUCTION (CONT'D)

MINISTERIAL MANDATES AS SIGNED BY THE HONOURABLE MINISTERS & PERMANENT SECRETARY

Implement FG Power Policy focusing on direct willing buyer – willing seller arrangements.

Implement the Siemens Grid and Distribution Enhancement Project.

Increase distribution and transmission capacity to 11,000 MW by 2023.

Increase generation capacity by at least 1,000 MW annually by ensuring the completion of on-going power generation projects

Complete Energizing Education Programme to reach 37 Universities and 7 Teaching Hospitals.

Complete the Energizing Economies Programme to reach at least 500,000 MSMEs.




Actively collaborate with the Private Sector to create a large number of well-paying jobs for Nigerian youth.

Implement strategy towards realisation of Mr. President's June 12 promise to take 100 million Nigerians out of poverty in the next 10 years.



INTRODUCTION (CONT'D)





AGENCIES AND THEIR ROLES

Agency	Role within the Sector
	The Nigerian Electricity Regulatory Commission (NERC) is an independent body, established by the Electric Power Sector Reform Act of 2005 to undertake technical and economic regulation of the Nigerian Electricity Supply Industry.
	Transmission Company of Nigeria (TCN) manages the electricity transmission network in the country. It is responsible for evacuating electric power generated by the electricity generating companies (GenCos) and wheeling it to distribution companies (DisCos).
	Nigerian Electricity Management Services Agency (NEMSA) , ensures the safety, security, reliability and quality of services in the production and delivery of electricity to consumers.



INTRODUCTION (CONT'D)

AGENCIES AND THEIR ROLES

Agency	Role within the Sector
	<p>The Nigerian Rural Electrification Agency (REA) was created by the Electric Power Sector Reform Act in 2006. The agency exists to facilitate the provision of affordable power supply for residential, commercial, industrial and social activities in the rural and peri-urban areas of the country.</p>
	<p>Nigerian Electricity Liability Management Company (NELMCO) was created to provide investors' confidence that investment in PHCN Successor Companies (SCs) will be free of encumbrances from possible future litigations arising from the huge legacy debts, Staff Pensions, Suppliers and third-party liabilities.</p>
	<p>National Power Training Institute of Nigeria (NAPTIN) primary purpose for its establishment is to provide training for power sector personnel and coordinate training activities in the sector.</p>
	<p>The Nigerian Bulk Electricity Trading (NBET) Plc. is the manager and administrator of the electricity pool ('The Pool') in the Nigerian electricity supply industry (NESI).</p>

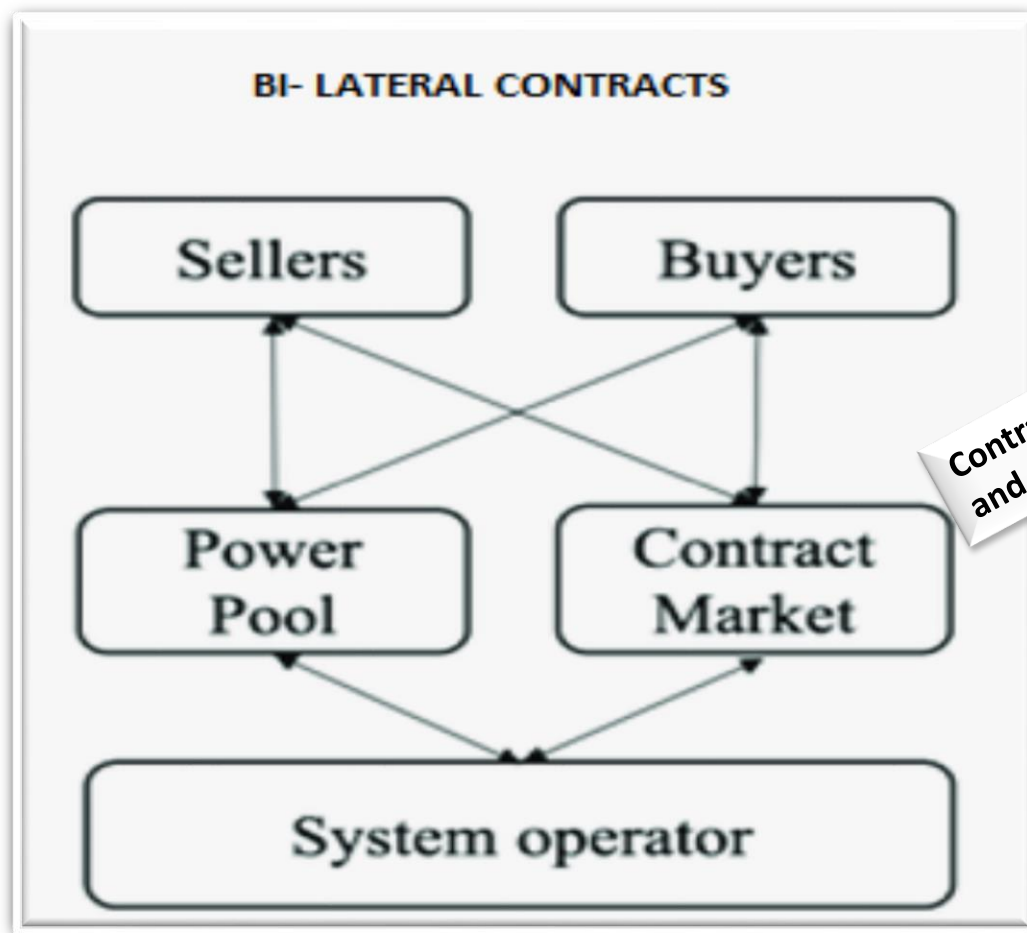


BASELINE AND TARGETS



BASELINE AS AT AUGUST, 2019

DELIVERABLE 1 – IMPLEMENTATION OF FG POLICY ON DIRECT WILLING BUYER – WILLING SELLER ARRANGEMENTS



Contract Market where the buyer and seller agree without NBET

Total Number of MW Signed = 60MW

Current Number of approved Bi-lateral Contracts – (ONE) 1

Pool Power is managed by Nigerian Bulk Electricity Trading PLC



TARGETS

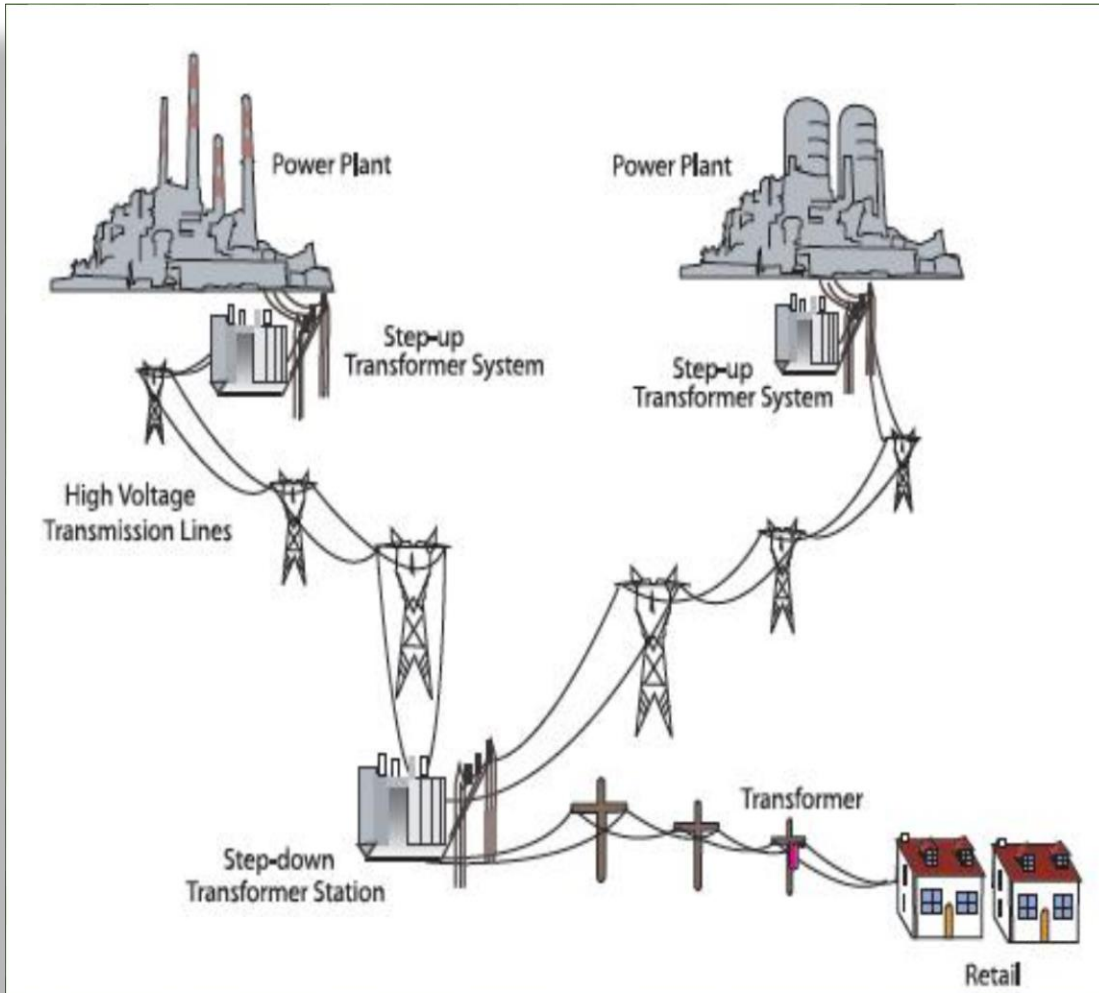
DELIVERABLE 1 - IMPLEMENTATION OF FG POLICY ON DIRECT WILLING - BUYER – WILLING SELLER ARRANGEMENTS

S/N	Targeted Period	Total Number of Bi-lateral Contracts	Targeted MW	Total MW Bi-lateral Market
1	December 2019 – December 2020	2	220MW	280MW
2	December 2020 – December 2021	4	200MW	480MW
3	December 2021 – December 2022	7	300MW	780MW



BASELINE AS AT AUGUST, 2019

DELIVERABLE 2 - IMPLEMENTATION OF THE SIEMENS GRID AND DISTRIBUTION SYSTEM ENHANCEMENT PROJECT



Phase One

- **7,000MW**
- **2021**

Phase Two

- **11,000MW**
- **2023**

Phase Three

- **25,000MW**
- **2025**



TARGETS

DELIVERABLE 2 - IMPLEMENTATION OF THE SIEMENS GRID AND DISTRIBUTION ENHANCEMENT PROJECTS (CONT`D)

S/N	Target Period	Project Phase	Targeted Deliverables	Key Activities to be Executed
1	December 2019 – December 2020	Phase 1	Increase operational capacity to 7GW	Close Identified loops
2	December 2020 – December 2021	Phase 1	Increase operational capacity to 7GW	TCN National SCADA Metering Infrastructure.
3	December 2021 – December 2022	Phase 2	increase grid capacity to 11GW, achieve further reduction in ATC&C losses	Assets upgrade including NTEP 2 SCADA for DisCos



BASELINE AS AT AUGUST, 2019

DELIVERABLE 3 – INCREASE DISTRIBUTION AND TRANSMISSION CAPACITY TO 11,000 MW BY 2023



**TRANSMISSION CAPACITY
8,100MW**

DISTRIBUTION CAPACITY 5,000MW





TARGETS

DELIVERABLE 3 – INCREASE DISTRIBUTION AND TRANSMISSION CAPACITY TO 11,000 MW BY 2023

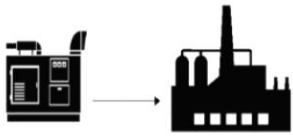
S/N	Target Period	Project	Targeted Deliverables
1	December 2019 – December 2020	Siemens Phase 1	Increase Distribution Capacity to attain 7,000MW
2	December 2020 – December 2021	TREP Siemens Phase 1	Increase both Transmission and Distribution operational capacity to 11,000MW
3	December 2021 – December 2023	TREP & Completion of Siemens Phase 2	increase grid capacity to 11,000MW, achieve further reduction in ATC&C losses



BASELINE AS AT AUGUST, 2019

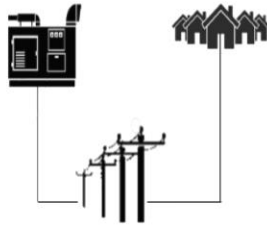
DELIVERABLE 4 - INCREASE GENERATION CAPACITY BY AT LEAST 1,000 MW ANNUALLY BY ENSURING THE COMPLETION OF ON-GOING POWER GENERATION PROJECTS SUCH AS ZUNGERU 700MW, KATSINA 10MW, KADUNA 215MW, KASHIMBILLA 40MW TRANSMISSION, AFAM THREE 240MW AND MAMBILLA POWER

Captive Generation



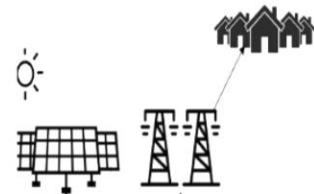
Self Generation exceeding 1mw for self use

Embedded Generation



Power generation directly connected to and evacuated through a Disco network connected to the grid

Mini Grids



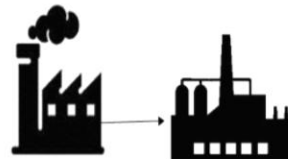
Electricity supply system with its own power generation capacity (100KW -1MW), supplying electricity to more than one customer

IPP On Grid Generation



Power generation where the power generated is evacuated onto the national grid

IPP Off Grid Generation



Power generation option whereby power is not evacuated through the national grid

Total Generation Installed Capacity:
Hydro = 1,936MW
Thermal = 11,154MW

Average Total Operational Capacity:
Hydro = 1,225MW
Thermal = 4,201.97MW

Average Tested Capacity:
Hydro = 1,225MW
Thermal = 6,241.65MW

Average Operational Capacity of mini grid ~30MW



TARGETS

DELIVERABLE 4 - INCREASE GENERATION CAPACITY BY AT LEAST 1,000 MW ANNUALLY BY ENSURING THE COMPLETION OF ON-GOING POWER GENERATION PROJECTS SUCH AS ZUNGERU 700MW, KATSINA 10MW, KADUNA 215MW, KASHIMBILLA 40MW TRANSMISSION, AFAM THREE 240MW AND MAMBILLA POWER

S/N	Target Period	Projects to be Delivered and MW	Total Additional MW
1	December 2019 – December 2020	Deliver the following Projects: 1. Zungeru Power Plant 700MW 2. Kaduna 215MW 3. Afam Three Fast Power 240MW 4. Kashimbilla 40MW & Dadin Kowa 40MW	1,235 MW
2	December 2020 – December 2021	Deliver the following: 1. 14 Solar Projects 1,050MW 2. Jigawa Energy City 50MW	1,100 MW
3	December 2021 – December 2023	Deliver Mambilla 3,050MW NBET Initialled PPAs	3,050MW 4,100MW



BASELINE AS AT AUGUST, 2019

DELIVERABLE 5 – COMPLETE THE ENERGIZING EDUCATION PROGRAMME TO REACH 37 UNIVERSITIES AND 7 TEACHING HOSPITALS



Commissioning of BUK 3.5MW Solar Power Plant by His Excellency, Professor Yemi Osibanjo, Vice President.

**2 Universities
Completed**

**BUK, Kano State
3.5MW
55,815 Students
3,077 staff 3.5MW**

**FU Ndufu Alike
Ikwo, Ebonyi
State 1.5MW
7,700
Students
1,819 staff
1.5MW**



TARGETS

DELIVERABLE 5 – COMPLETE THE ENERGIZING EDUCATION PROGRAMME TO REACH 37 UNIVERSITIES AND 7 TEACHING HOSPITALS

S/N	Target Period	Target Projects	Total Number of Universities and Teaching Hospitals to be completed
1	December 2019 – December 2020	ATBU, FUPRE, NAU, UDUS, FUAM, UNILAG, OA Teaching Hospital	7
2	December 2020 – December 2021	UNIMAID, FUG Yobe, University of Calabar, Michael Okparah Uni, FU of Agric Abeokuta, NDA, Uni Abuja	7
3	December 2021 – December 2022	Moddibo Adama University of Tech, FU Dutsinma, FU Lokoja, FU Lafia, Univeristy of Port Harcourt, University of Uyo, FU of Tech Akure, FU of Tech Owerri etc	28



BASELINE AS AT AUGUST, 2019

DELIVERABLE 6 – COMPLETE THE ENERGIZING ECONOMIES PROGRAMME TO REACH AT LEAST 500,000 MSMEs



**Sura Market
Lagos State
Completed
Total Number of
MSMEs 1,047**

**Sabon Gari Kano
State Market
Completed
Total Number of
MSMEs 6,132**

**Ariaria Market
Abia State
Completed
Total Number of
MSMEs 4000**

**3 Markets
completed
11,179 MSMEs**



TARGETS

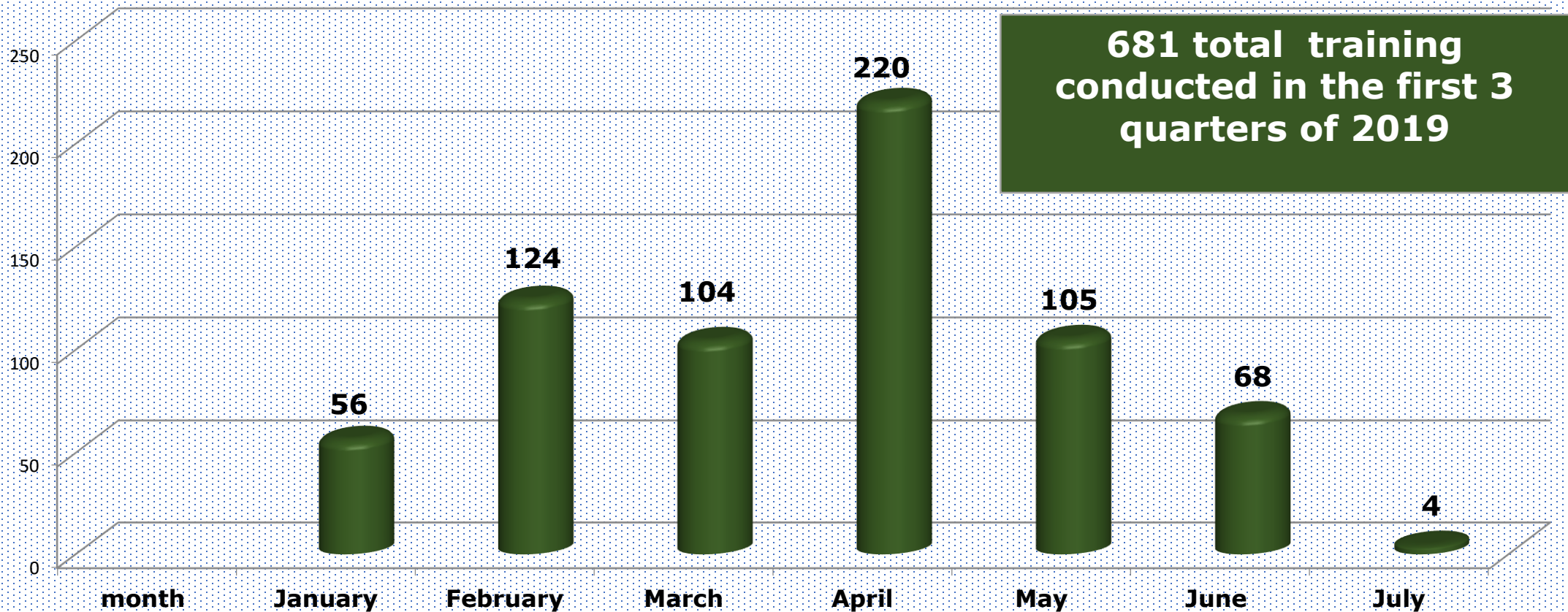
DELIVERABLE 6 – COMPLETE THE ENERGIZING ECONOMIES PROGRAMME TO REACH AT LEAST 500,000 MSMEs

S/N	Target Period	Targeted Projects (MSMEs)	Projected Total MSMEs
1	December 2019 – December 2020	Iporin Market, Lagos State Ita Osun Ogun State NEPA 1 & 2 Isikan & Edaiken Ondo & Edo State Increase Connection of completed Projects	55,000 MSMEs
2	December 2020 – December 2021	97 Markets across 28 States	340,000 MSMEs



BASELINE AS AT AUGUST, 2019

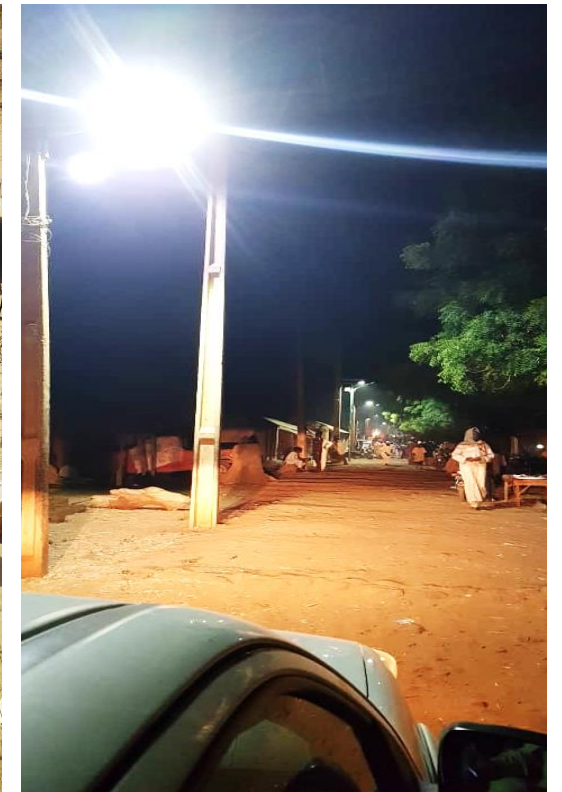
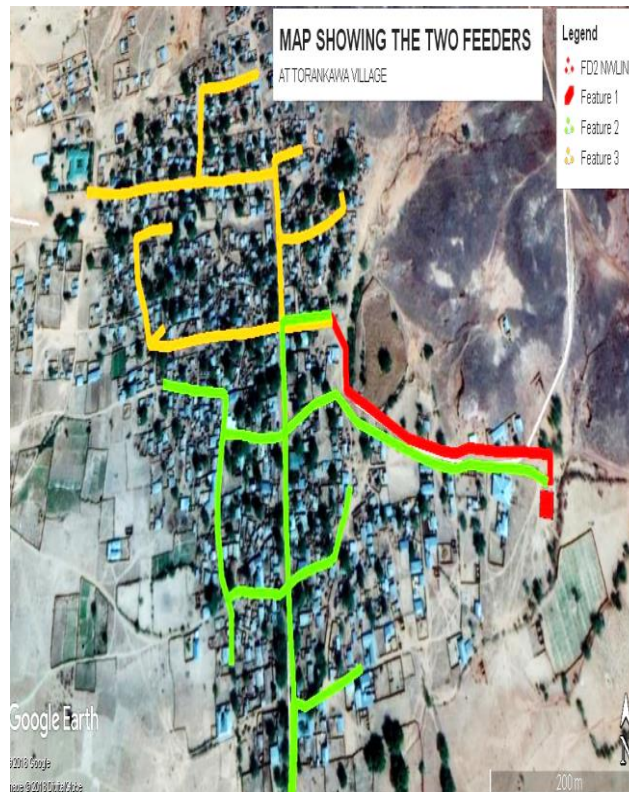
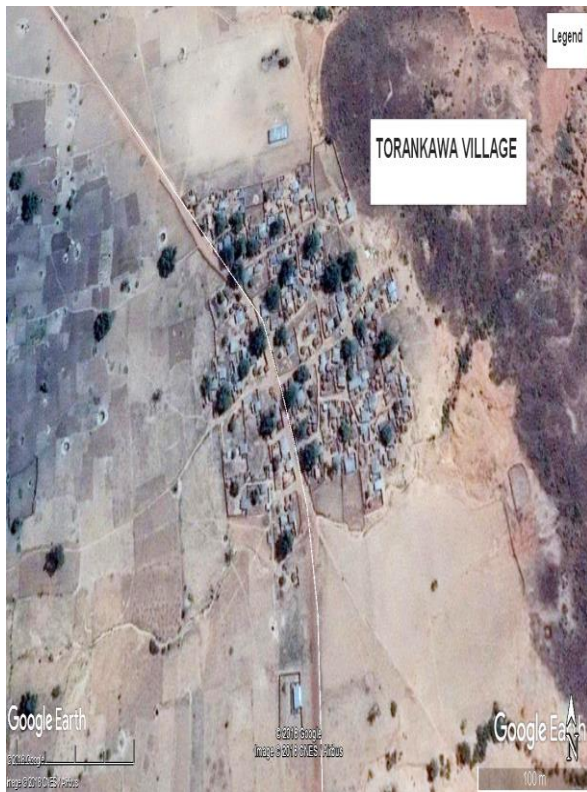
DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTHS





BASELINE AS AT AUGUST, 2019

DELIVERABLE 8 - IMPLEMENT STRATEGY TOWARDS THE REALISATION OF MR PRESIDENT`S JUNE 12 PROMISE TO TAKE 100 MILLION NIGERIANS OUT OF POVERTY IN THE NEXT 10 YEARS



- **60kW Solar Photovoltaic Grid Connected Mini-Grid**
- **Initially Designed to supply 100 Households with Electricity.**
- **Using advance Smart Meters**



IMPLEMENTATION UPDATE - FINANCIAL

KEY ACTIVITIES & LEVEL OF IMPLEMENTATION ON MINISTERIAL DELIVERABLES



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 1 – IMPLEMENT FG POWER POLICY ON DIRECT WILLING BUYER - WILLING SELLER ARRANGEMENT



No funds are committed for the implementation of this KPI.



Bilateral Contract between Ikeja Electricity Distribution Company and Egbin Power for 220MW being granted by NERC, Contract implementation to commence



NERC is processing additional contract request proposal of EKO and Port Harcourt Electricity Distribution Companies for the bilateral contract.



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 2 – IMPLEMENT THE SIEMENS GRID AND DISTRIBUTION ENHANCEMENT PROJECT



Mr. President with the CEO of Siemens, Joe Kaeser, during the signing of Letter of Agreement for the implementation of the Nigerian Electrification Roadmap



Technical and Financial Proposals being reviewed by BPE, TCN and other stakeholders

Independent due diligence on pricing of equipment.

FEC approval to be sought prior to final signing of agreement.



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 3 – INCREASE DISTRIBUTION AND TRANSMISSION CAPACITY TO 11,000MW BY 2023

Raised \$1.661 billion concessionary funding for Transmission Rehabilitation and Expansion Programme (TREP)



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 - INCREASE GENERATION CAPACITY BY AT LEAST 1,000 MW ANNUALLY BY ENSURING THE COMPLETION OF ON-GOING POWER GENERATION PROJECTS SUCH AS ZUNGERU 700MW, KATSINA 10MW, KADUNA 215MW, KASHIMBILLA 40MW TRANSMISSION, AFAM THREE 240MW AND MAMBILLA POWER

SUMMARY OF GENERATION PROJECTS BEING EXECUTED



AFAM FAST POWER 240 MW



ZUNGERU HYDROELECTRIC PROJECT 700 MW



MAMBILA HYDRO POWER PROJECT 3,050 MW



DADIN KOWA HYDROELECTRIC PROJECT 40 MW



KASHIMBILLA HYDROELECTRIC PROJECT 40 MW



KADUNA POWER PLANT 215MW



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (a) - AFAM III 240MW FAST POWER PROJECT



Total contract sum \$186,600,000.00



Total amount paid \$46,840,979.20



Percentage level of completion as at August 2019 - 91%



Percentage level of completion 91%



Challenge – Demobilisation of contractor from the site



Expected completion date - 2020



IMPLEMENTATION UPDATE

DELIVERABLE 4 (a) - AFAM III 240MW FAST POWER PROJECT





IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (b) - ZUNGERU 700MW POWER PROJECT



Total contract sum \$ 1,293,573,013.08



Total amount paid \$ 758,374,522.33



Percentage level of completion as at August 2019 - 55%



Percentage level of completion as at December 2019 - 66%



Percentage achievement in 3 months - 11%



Expected completion date - December, 2021



IMPLEMENTATION UPDATE

DELIVERABLE 4 (b) – ZUNGERU HYDROELECTRIC POWER PROJECT





IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (c) - MAMBILLA 3,050MW POWER PROJECT





IMPLEMENTATION UPDATE

DELIVERABLE 4 (c) - MAMBILLA 3,050MW POWER PROJECT



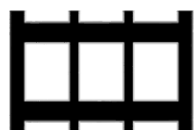


IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (d) - DADIN KOWA POWER PROJECT



Total contract sum – Concession Project



Total amount spent – Build Operate & Transfer (BOT)



Percentage level of completion as at August, 2019 - 95%



Percentage level of completion as at December, 2019 – 100%



Percentage achievement in 3 months – 5%



Project Completed to be commissioned



IMPLEMENTATION UPDATE

DELIVERABLE 4 (d) - DADIN KOWA POWER PROJECT





IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (e) - KASHIMBILA POWER PROJECT



Total contract sum \$162,837,748.60 + ₦6,547,940,778.17



Total amount paid \$162,837,748.60 + ₦6,547,940,778.17



Percentage level of completion as at August 2019 – 95%



Percentage level of completion as at December 2019 – 100%



Percentage achievement in 3 months – 5%



Project Completed to be Commissioned.



IMPLEMENTATION UPDATE

DELIVERABLE 4 (e) - KASHIMBILA POWER PROJECT





IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 4 (f) - KADUNA POWER PLANT 215MW



Total contract sum €156,138,696.22 and ₦3,000,000,000.00 plus €11,373,391.29 and ₦2,894,418,961.71



Amount paid €131,369,053.93 (LC), ₦5,565,675,741.89, plus additional €9,404,099.49 (LC), ₦889,506,472



Percentage level of completion as at August, 2019 -88.67%



Percentage level of completion as at December, 2019 – 88.67%



Challenge of inadequate funding and Gas Supply



Expected completion date - 2020



IMPLEMENTATION UPDATE

DELIVERABLE 4 (f) - KADUNA POWER PLANT 215MW



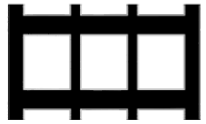


IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 5 – COMPLETE ENERGIZING EDUCATION PROGRAMME TO REACH 37 UNIVERSITIES AND 7 TEACHING HOSPITALS



Total contract sum ₦38,965,147,881.92



Total amount paid ₦20,695,863,057.93



Percentage level of completion as at August 2019 - 59%



Percentage level of completion as at December 2019 - 65%



Percentage achievement in 3 months – 6%



Expected completion date - 2020



IMPLEMENTATION UPDATE

DELIVERABLE 5 – COMPLETE ENERGIZING EDUCATION PROGRAMME TO REACH 37 UNIVERSITIES AND 7 TEACHING HOSPITALS – CONT`D



Picture of the 3.5MW Solar Project commissioned in Bayero University Kano



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 6 – COMPLETE THE ENERGIZING ECONOMIES PROGRAMME TO REACH AT LEAST 500,000 MSMEs

- ❑ 40 economic clusters have already been identified across the country.**
- ❑ The total estimated energy demand from these clusters is 3-4GW with a combined market opportunity**



IMPLEMENTATION UPDATE

DELIVERABLE 6 – COMPLETE THE ENERGIZING ECONOMIES PROGRAMME TO REACH AT LEAST 500,000 MSMEs



Picture of Sabon Gari Market that was Energized



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 7 – ACTIVELY COLLABORATING WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH

Summary of Private Sector Investment, Grants and Job Opportunities Created

Description	Amount
Mini grid Private Investment Created	₦1,782,636.104.33
Mini Grid Grants Generated	₦1,952,583,434.00
Total Investment	₦3,735,219,538.33
Job Opportunities Created	4,516
Skill Acquisition and Capacity Development	436
Total Jobs Created	4,952



IMPLEMENTATION UPDATE - FINANCIAL

DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH

PRIVATE SECTOR INVESTMENT SECURED

MINI GRID

S/N	Project Type	Project Location	Total Grant Secured	Total Private Investment Secured
1	Mini grid Hybrid Projects	Kogi, Kebbi, Akwa Ibom, Ogun, Edo, Ebonyi, Niger, Katsina, Taraba, Gombe and Oyo	₦956,916,000.00	₦786,968.670.33
2.	Solar Homes Systems Projects	Gombe, Akwa Ibom, Ogun, Kaduna, Benue, Abia, Kogi, Borno, Plateau, Cross Rivers, Katsina, FCT, and Ebonyi	₦995,667,434.00	₦995,667,434.00
	Total		₦1,952,583,434.00	₦1,782,636.104.33



IMPLEMENTATION UPDATE

DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH

Zungeru Project - Jobs Created

Party Category	Local Skilled Staff	Local Semi-Skilled Staff	Total
CNEEC SINO HYDRO CONSORTIUM	161	3977	4138
Sub Contractor	34	127	161
Total	195	4104	4299



IMPLEMENTATION UPDATE

DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH

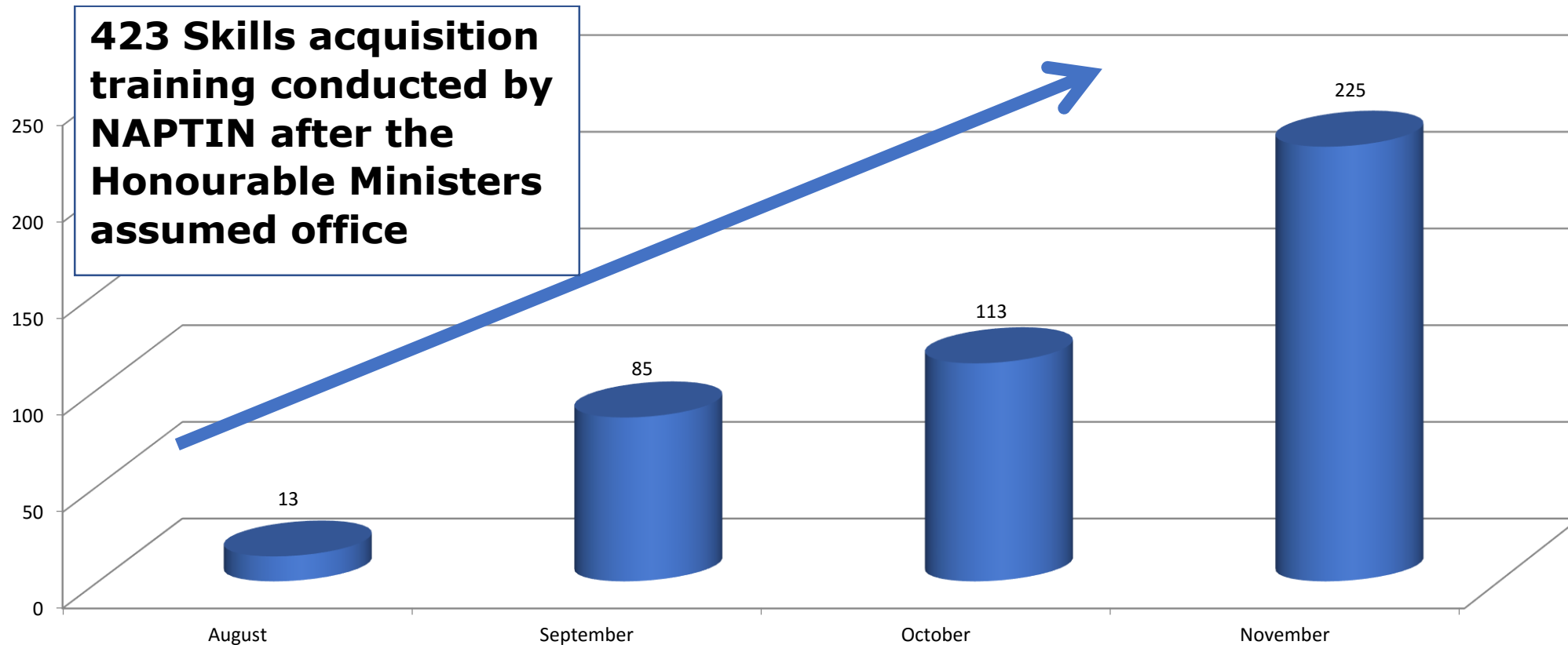
AFAM THREE FAST POWER Project - Jobs Created

Party Category	Nigerian GE staff (Diaspora)	Local Staff	Local Workers	Total
General Electric Grid solution	4	6	113	123
Sub Contractor Metka/Akon	5	83	6	94
Total	9	89	119	217



IMPLEMENTATION UPDATE

DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH





IMPLEMENTATION UPDATE

DELIVERABLE 7 – ACTIVELY COLLABORATE WITH THE PRIVATE SECTOR TO CREATE A LARGE NUMBER OF WELL-PAYING JOBS FOR NIGERIAN YOUTH

PICTORIAL PRESENTATION OF NAPTIN TRAINING PROGRAMMES

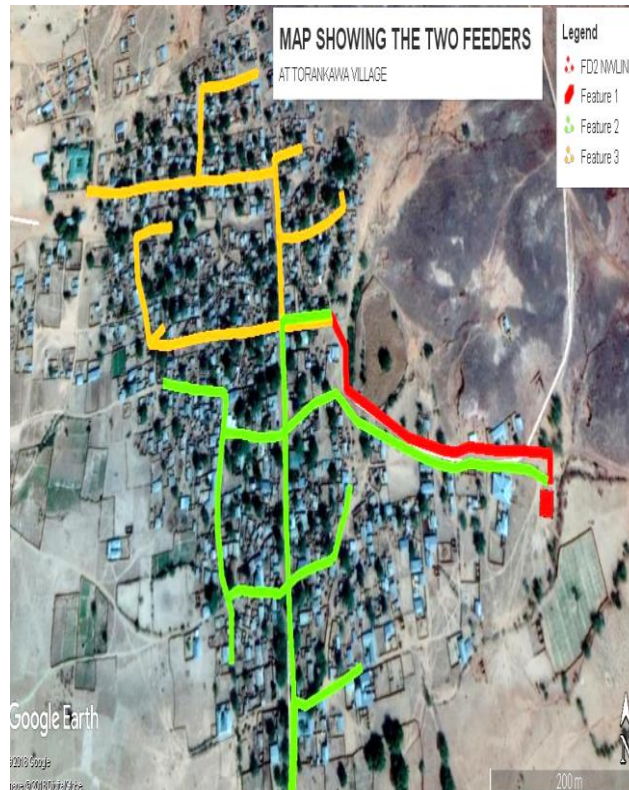
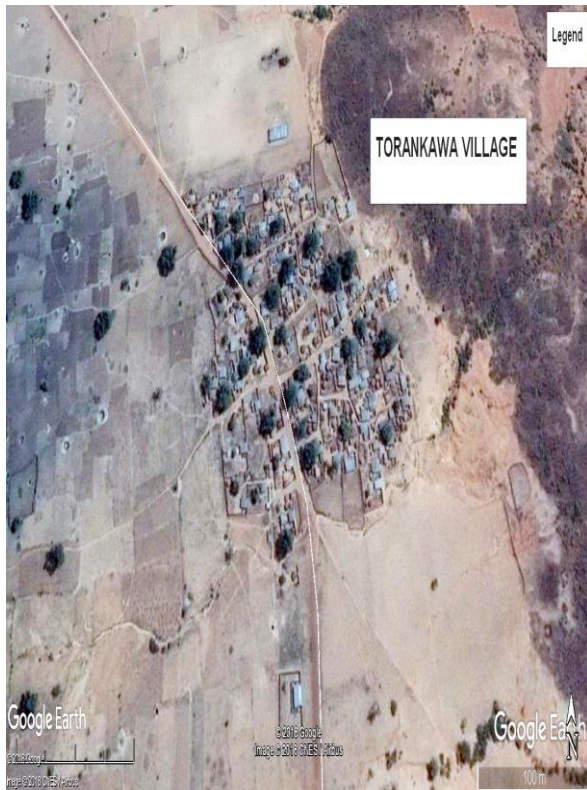




IMPLEMENTATION UPDATE

KPI 8 - IMPLEMENT OF STRATEGY TOWARDS THE REALISATION OF MR PRESIDENT `S JUNE 12 PROMISE TO TAKE 100 MILLION NIGERIANS OUT OF POVERTY IN THE NEXT 10 YEARS

24/7, 3D Pilot Project in Torankawa Village, Sokoto



- **60kW Solar Photovoltaic Grid Connected Mini-Grid**
- **Initially Designed to supply 100 Households but Expanded to cover 300 Households**
- **Using advance Smart Meters**



ACHIEVEMENTS AND CHALLENGES



ACHIEVEMENTS FROM AUGUST 2019 TO DATE

DELIVERABLES	KEY ACHIEVEMENTS	%
DELIVERABLE 1 – Willing Buyer Willing Seller Policy	<input type="checkbox"/> Bilateral Contract between Ikeja and Egbin Power for 220MW being granted on the willing buyer willing seller arrangement.	N/A
DELIVERABLE 2 – Nigerian Electrification Roadmap	<input type="checkbox"/> Project preparation for the implementation of Phase one of the Nigerian Electrification Roadmap – Siemens commenced	N/A
DELIVERABLE 3 - Increase Distribution and Transmission Capacity to 11,000 MW	<input type="checkbox"/> Funding for transmission rehabilitation and expansion secured	N/A



ACHIEVEMENTS FROM AUGUST 2019 TO DATE

DELIVERABLES	KEY ACHIEVEMENTS	% ACHIEVED	CURRENT %
DELIVERABLE 4 – Increase Generation Capacity	<input type="checkbox"/> Zungeru 700MW	<input type="checkbox"/> 11%	66%
	<input type="checkbox"/> Mambila 3,050MW – Land Survey paid, Arbitration achieved and MoU signed.	<input type="checkbox"/> N/A	N/A
	<input type="checkbox"/> Dadin Kowa 40MW	<input type="checkbox"/> 5%	100%
	<input type="checkbox"/> Kashimbilla 40MW	<input type="checkbox"/> 5%	100%
DELIVERABLE 5 – Energizing Education	<input type="checkbox"/> OAU	<input type="checkbox"/> N/A	70%
	<input type="checkbox"/> UNILAG	<input type="checkbox"/> N/A	70%
	<input type="checkbox"/> FUPRE	<input type="checkbox"/> N/A	80%
	<input type="checkbox"/> UDUS	<input type="checkbox"/> N/A	70%
	<input type="checkbox"/> FUAM	<input type="checkbox"/> N/A	70%
	<input type="checkbox"/> ATBU	<input type="checkbox"/> N/A	95%



ACHIEVEMENTS FROM AUGUST 2019 TO DATE

DELIVERABLES	KEY ACHIEVEMENTS	%
DELIVERABLE 6 – Complete Energizing Economies	<input type="checkbox"/> Sabon Gari Market, Kano - additional 2000 MSMEs <input type="checkbox"/> Bola Ige Market, Lagos - on going <input type="checkbox"/> Wuse Market, Abuja - on going	N/A
DELIVERABLE 7 – Job Creation	<input type="checkbox"/> 4952 Jobs Created	N/A
DELIVERABLE 8 – Poverty Alleviation	<input type="checkbox"/> 200 Households connected to 24/7 Mini Grid bringing the total connected households to 300	N/A



CHALLENGES

**Gas constraints
for thermal
generation.**

**Idle
generation
capacity**

**Forex volatility
affects
investment in the
sector**

**1.684 Trillion
Naira
outstanding
receivables
owed to
GENCOS**

**Historically Perennial
Under-Investment in
Development &
Expansion of the
grid.**

**Lack of
adequate
investment in
the distribution
network.**

**Over-leverage
DisCos limits
access to
borrowing
instruments**

**Non-compliance
with
Agreements,
vesting
contracts and
other regulatory
policies**

MINISTERIAL ROADMAP TO ADDRESS CHALLENGES



1

INFRASTRUCTURAL ALIGNMENT

2

MARKET EFFICIENCY & TRANSPARENCY

3

**CORPORATE GOVERNANCE/ SECTOR POLICY
CORDINATION**

4

INCREASE ENERGY ACCESS

5

EXECUTION OF LEGACY PROJECTS

INFRASTRUCTURAL ALIGNMENT



**Implementation of
Phase 1 of the
Nigerian Electricity
Roadmap.**

**Continue to drive
the implementation
of TREP**

**Support the full
implementation of
DisCo Franchise.**

**Promote grid
standardization and
synchronization.**

MARKET EFFICIENCY & TRANSPARENCY



Refinement of commercial, technical and regulatory components of transaction agreements.



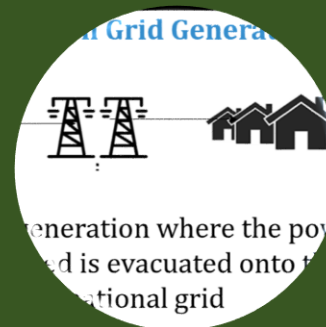
Promote fiscal discipline (through effective utilization of all Power Sector Loan WB & PAF)



Promotion of market discipline and contract effectiveness through the regulator.



Ensuring the achievement of cost reflective tariff that will facilitate mutual benefit to investors and consumers.



Ensuring procurement of power is ONLY through competitive process.

ENERGY ACCESS



**Scaling – up
energy access
models**

**Development of
additional
energy access
models**

**Promoting
investment into
off-grid
projects (Mini
and Micro grid)**

**Promotion of
energy
efficiency
across the
country.**

Completion of FGN Intervention Projects



**Completion of
Zungeru**

**Fast Tracking the
Project
Development of
Mambila
Hydroelectric
Power**

**Completion of
Dadin Kowa,
Kashimbila and
other Small
Hydros**

**Fast Tracking
concession of
other small and
medium Hydro
Projects**

Sector Governance and Coordination



**Policy
Co-ordination**

**Synergy Between
Agencies and
Stakeholders**

**Sector Blueprint;
PSRP
Electrification
Roadmap**

**Single source of
direction for the
sector.**



CONCLUSION

Mr. President, with your continuous support, the Ministry will achieve incremental, steady and un-interrupted power supply in Nigeria.



RECOMMENDATIONS

- **Mr. President to give policy direction to all stakeholders to abide by the willing buyer – willing seller arrangements**
- **Federal Ministry of Power should drive the SIEMENS Project in collaboration with the Bureau of Public Enterprise (BPE).**
- **Realignment of all Agencies critical to Power Sector for effective synergy and supervision.**



PRAYERS

- ☐ **Adequate budgetary provision**
- ☐ **Timely release of funds**



THANK YOU FOR LISTENING