



ORDER/NERC/273/2021

**BEFORE THE NIGERIAN ELECTRICITY REGULATORY COMMISSION
IN THE MATTER OF THE EXTRAORDINARY REVIEW OF MULTI-YEAR TARIFF ORDER FOR
IBADAN ELECTRICITY DISTRIBUTION PLC**

1.1. Title

This regulatory instrument may be cited as NERC Order on Performance Improvement Plan ("PIP") and Extraordinary Tariff Review Application for Ibadan Electricity Distribution Plc ("IBEDC").

1.2. Commencement

The approved PIP and Capital Expenditure ("CAPEX") programme of IBEDC shall take effect from 1st July 2021 and shall remain effective until 30th June 2026 unless amended by the Commission.

1.3. Context

IBEDC applied to the Commission in November 2019 for a review of the provisions for CAPEX in its Multi-Year Tariff Order ("MYTO") tariffs to support the implementation of its Performance Improvement Plan ("PIP") over the next 5 years. Under the Power Sector Recovery Program (PSRP), it is envisaged that the Commission would implement a robust tariff review process aiming at improving the performance of the Nigerian Electricity Supply Industry ("NESI"). This process involved a review of the capital expenditure allowances in the MYTO model to align with the Performance Improvement Plans (PIPs) of the Distribution Companies (DisCos). The approved PIP and Extraordinary Tariff Application shall form the basis for IBEDC to prioritise the implementation of the proposed CAPEX initiatives. The approved PIPs shall also form the basis for defining KPIs for IBEDC for the next 5 years by the Commission with emphasis on improvement in energy throughput and improved service delivery to the customers.

As part of the Stakeholder Consultation Process for Extra Ordinary Tariff Review, the Commission held public hearings to consider the application filed by IBEDC in February 2020 and monitored the stakeholders' engagements by IBEDC at different locations within

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its franchise. Based on the feedback received during the consultations and subsequent deliberations with various stakeholders, the Commission approved the Serviced-Based Tariff (SBT) effective from the 1st of September 2020 to ensure that rates paid by customers align with the quality of service as measured by the daily average availability of power supply over a 60-day reference period. Further updates to IBEDC's initial PIP submission have been considered as part of this review to align the PIPs with customer expectations of service commitment by IBEDC.

1.4. Summary and Overview of IBEDC's Network/Current State

Ibadan Electricity Distribution Company (IBEDC) is one of the successor distribution companies created following the unbundling and privatization of the state-owned Power Utility, Power Holding Company of Nigeria Plc. IBEDC is primarily responsible for the distribution of electricity to Ogun, Oyo, Osun, Kwara states, and parts of Ekiti and Niger States. IBEDC's PIP sets out to increase value to its customers, shareholders, and other stakeholders. Central to IBEDC's plan is the need to expand access to electricity for customers, improve technical and operational performance within the franchise area, and break even within the time horizon while responsibly managing the socio-economic and environmental impacts. IBEDC serves over 1.7 million customers and has a staff strength of about 2612 permanent and 1203 temporary workers.

IBEDC's network is supplied from a transformation capacity of 2,088 MVA from across 22 TCN transmission stations. 118 33kV feeders supply 33/11kV power transformers across 119 injection substations. There are 9,137 11/0.415kV distribution transformers and 5,689 33/0.415kV distribution transformers served by IBEDC. The total transformational capacity of the 11/0.415kV and the 33/0.415kV distribution transformers are 2,667 MVA and 2,152MVA, respectively. The route length for the 33kV, 11kV, and 415V feeders are 1,642.3km, 2,496.6km, and 5,927.4km respectively, resulting in a total route length of 10,065.2km.

Ibadan faces technical network constraints due to the reduced MVA capacity of the TCN stations, as compared to the operational capacity that needs to serve the customers' demand. For instance, during 2019 the peak demand was 1.438 MW, but the operational capacity of the 22 CN stations was 1.302 MW (although nameplate capacity is 1.805 MVA). In particular, substation Ojere (with a nameplate capacity of 90MVA served a peak demand of 146 MW) and is expected to serve 205 MW in 2024. There are already 12 constrained stations in 2019 (Ayede, Ganmo, Ibadan North, Ijebu North, Ile Ife, Ilesa, Ilorin TCN, Iseyin, Iwo, Offa, Ojere, and Sagamu), and that number would cover 6 other stations in 2024 (Ijebu Ode, Jebba, Jericho, Oke Aro, Oshogbo and Ota) if no investments are implemented.



The investment plan proposed by IBEDC is targeted to:

- i. upgrade existing network capacity,
- ii. invest in technological enhancements to reduce outages and system failures,
- iii. acquire tools to analyse network performance and network assets.

1.5. Stakeholder Consultation

IBEDC had followed a process for stakeholder consultation as directed by the Commission. Several focused group discussions to harness stakeholder's views on the service delivery, future expectations, and preferences were conducted with participants.

Key discussion areas for the stakeholder sessions were:

- Quality and reliability of supply
- Quality of the metering, billing, and payment process
- Consumers perception of the processes
- Consumers relationship management
- Quality of fault complaint and repairs process

1.6. Outputs proposed with interventions:

IBEDC proposes to undertake numerous interventions to improve service delivery to the customers. Over the next five years, the proposed interventions will allow IBEDC to achieve the following:

- Facilitate access to the network for customers
- Obtain 99% metering coverage for all customers
- Improve Energy Availability
- Reduce ATC&C losses according to the performance agreement
- Reduce operating costs by leveraging technology
- Improve customer experience
- Improve Customer Communication and engagement
- Implement a Corporate Social Responsibility program
- Empower employees with quality training and competitive remuneration

Specifically, the major outputs proposed by IBEDC can be summarized as follows:

- Reduce ATC&C losses to 19% in 2022
- Reduce customer interruptions from 0.85 to 0.7 per day
- Achieve 100% metering of all customers by 2024
- Reduce the number of deaths and accidents to zero

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Table – 1: Planned Service Improvements

Item	Unit	Current	Service Improvement	Year-5 Target	Variance
Customers	#	1,745,346	533,024	2,278,370	30.54%
Current ATC&C Loss	%	46	27	19.1	58.30%
Energy Delivered	GWh	16,402	6,248	22,650.0	38.09%
Average Duration of Supply	(Hrs/Day)	14	2	15	12.10%
Average Frequency of Interruptions	#/day	0.86	-0.13	0.73	-15.12%
Average Duration of Interruptions	Hrs/day	10	-1	9	-8.53%

1.7. Investment Strategies:

Key strategies proposed by IBEDC to attain the targeted service levels over the next 5 years include the following:

1. Implementation of investments and other initiatives in distribution network rehabilitation and upgrade aimed at resolving existing constraints limiting availability and quality of energy supply.
2. Identification of eventual constraints to meeting electricity demand arising from issues affecting high and medium voltage network infrastructure.
3. TCN-DisCo interface projects are required in resolving existing constraints and meeting electricity demand.
4. Installation of metering systems to capture all electrical parameters involved in commercial transactions with NBET and TCN and amounts of energy injected into the network operated by the DisCo.
5. Incorporation of an Incidents Recording and Management System (IRMS) to identify the location and analyze the extent of an interruption in electricity supply and to enable fast resolution and service restoration.
6. Regularization of consumers not registered as customers.
7. Installation of appropriate meters for all the ministries, departments, and agencies at federal, state, and local levels.
8. Incorporation of a Commercial Management System (CMS) to manage all commercial processes: revenue cycle, attending to customers, etc.
9. Incorporation of an Enterprise Resource Planning (ERP) information system to support corporate planning and management of shared services (accounting, finance, human resources, procurement, logistics & information technology).
10. Implementation of a Revenue Protection Project (RPP) supported by Advanced Metering Infrastructure (AMI) to systematically record and monitor consumption of large and medium customers.

11. Incorporation of a Supervisory Control and Data Acquisition System (SCADA) to operate and control HV & MV infrastructure.

Item	Unit	Current	Additions/ Construction	Year-5 Target	Variance	PIP Rehabili tation	% of Rehabili tation
Network Length 33 kV	km	9,744	854	10,598	9%	1,275	13%
Network Length 11 kV	km	4,904	379	5,283	8%	871	18%
Network Length 0.4 kV	km	43,935	819	44,754	2%		
MVA distributions transformes	MVA	4,840	480	5,320	10%		
# distributions transformes	#	14,886	640	15,526	4%		
MVA Substations transformes	MVA	2,013	240	2,253	12%		
# Substations transformes	#	235	19	254	8%		

Investment Type	2021	2022	2023	2024	2025	Total
	N000,000	N000,000	N000,000	N000,000	N000,000	N000,000
Bulk Metering	8,866	5,832	6,600	7,099	6,510	34,908
Feeder Metering	147	73	0	73	49	343
CMS	50	0	0	17	6	72
Revenue Protection	402	134	0	179	104	819
GIS	232	174	0	135	103	644
IRMS	0	325	0	108	144	578
WMS	150	0	0	50	17	217
SCADA	0	0	3,599	1,200	1,600	6,398
ERP	595	128	0	241	123	1,086
Other IT Needs	0	1,005	503	503	670	2,681
Network Upgrade	3,642	2,924	664	2,410	1,999	11,639
Human Resources	0	342	81	141	188	752
Health & Safety	0	177	52	76	102	407
Fleet & Logistics	0	2,112	1,056	1,056	1,408	5,632
Building & Facilities	869	869	435	724	676	3,573
Network Expansion	3,000	12,385	5,951	7,112	8,482	36,929
Total	17,953	26,480	18,939	21,124	22,181	106,677

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2.0 Commission's Review

2.1. The Commission's Guideline for PIP Application established the criteria for IBEDC to prepare an output-based plan that sets out the service improvement output targets over the planning horizon of 5 years. This plan includes the programs and activities that will lead to the realisation of those outputs, the human and material resources required, the projected costs and analysis of the risk factors, and the proposed mitigation measures. IBEDC's PIP and Extraordinary tariff review application was exposed to a Public Hearing and consultation presided over by a panel of three commissioners in line with the Business Rules of the Commission and the "Regulations on Procedure for Electricity Tariff Reviews in the Nigerian Electricity Supply Industry" in February 2020. The Hearing provided an avenue for customers, interested parties, and expert intervenors to critically examine IBEDC's proposal and the associated expected improvement in service levels. IBEDC was further directed to conduct stakeholders' (customers') engagements at various locations within its franchise area which were attended and monitored by the staff of the Commission.

2.2. Following the outcome of the public consultation, the Commission had vide Order NERC/198/2020 required IBEDC to update its PIP and Extraordinary Tariff Review Application by disaggregating its respective service areas and/or customers per quality of service in order to align rates payable by customers with the quality of supply ("service-based tariffs"). A further review of IBEDC's updated submission was considered using the following criteria:

- i. completeness and consistency of the description of each component of the PIP;
- ii. compliance of each component with the Guidelines for preparation of PIPs issued by the Commission;
- iii. analysis of expected results/outcomes from the implementation of each component including the mitigants provided for addressing identified challenges that may hinder the achievement of target;
- iv. thorough price benchmarking and other relevant approaches to the estimation of resources (physical amounts and related OpEx and CapEx) for each component;
- v. determining if the cost and timeline for delivering the output is efficient;
- vi. assessing the efficiency of the proposed financing arrangement;
- vii. analysing the level of technology/modernization leap proposed going forward;
- viii. determining and analysing the overall level of efficiency improvement proposed.

3.0 Results of the Review

The Commission, having considered IBEDC's PIP and Extraordinary Tariff Review Application in line with the provision of EPSRA and relevant regulations, approved the PIP and CAPEX programme over 5 years as provided in Table – 4 and Table – 5 below.

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Summary of approved projects for Year-1 and Year-2 are also provided in Table – 6, while a detailed list of approved projects for Year-1 and Year-2 are provided in Appendices 1 and 2 respectively.

Table – 4: IBEDC's Approved 5-year CAPEX Programme

Year	2021	2022	2023	2024	2025	Total
	Period - 1	Period - 2	Period - 3	Period - 4	Period - 5	Period 1 – 5
	N000,000	N000,000	N000,000	N000,000	N000,000	N000,000
Annual Approved CAPEX	18,211.07	18,211.07	18,211.07	18,211.07	18,211.07	91,055.35

Table – 5: IBEDC's Approved 5-year PIP and CAPEX Programme

5-Year Approved PIP	
	N000,000
Total CAPEX	91,055.3
Distribution Network Capex	77,391.9
Construction of 33kV Feeder	10,931.7
Rehabilitation of 33kV Feeder	8,637.3
Construction of 11kV Feeder	8,012.7
Rehabilitation of 11kV Feeder	5,604.3
Construction of 0.400kV Feeder	8,724.1
Distributions transformers (plan)	14,046.2
MVA Substations transformers (plan)	21,435.6
ATC&C Loss Reduction Plan (total)	1,050.8
Customer Service Improvement Plan	-
IT Investments (SCADA+GIS+ERP+HSE)	777.4
SCADA Initiatives	0.0
GIS Improvement	0.0
ERP System Infrastructure	0.0
HSE Initiatives	777.4
AMI Network Metering	0.0
Customer Metering Capex	-
Network Metering Capex	5,462.6
Others	6,372.6

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Table – 6: IBEDC's Approved PIP and CAPEX Programme for 2021 and 2022

Approved PIP	2021	2022
	<i>N000,000</i>	<i>N000,000</i>
Total CAPEX	<u>18,211.1</u>	<u>18,211.1</u>
Distribution Network Capex	13,700.5	17,256.3
Construction of 33kV Feeder	2,277.1	2,095.6
Rehabilitation of 33kV Feeder	821.0	2,634.0
Construction of 11kV Feeder	1,109.3	2,095.7
Rehabilitation of 11kV Feeder	552.9	1,688.8
Construction of 0.400kV Feeder	1,119.2	2,370.5
Distributions transformers (plan)	3,633.3	1,985.2
MVA Substations transformers (plan)	4,187.8	4,386.5
ATC&C Loss Reduction Plan (total)	420.3	-
Customer Service Improvement Plan	-	-
IT Investments (SCADA+GIS+ERP+HSE)	311.0	-
SCADA Initiatives	0.0	0.0
GIS Improvement	0.0	0.0
ERP System Infrastructure	0.0	0.0
HSE Initiatives	311.0	0.0
AMI Network Metering	0.0	0.0
Customer Metering Capex	-	-
Network Metering Capex	2,185.0	-
Others	1,594.3	954.8

4.0 Annual Update of PIPs

IBEDC shall be required to provide an annual update to the PIP to reflect the proposed investment programme as part of the Minor Review of Tariffs on a continuous basis. The Commission recognizes this PIP as a dynamic roadmap of where IBEDC envisions to be in the next five (5) years and will continue to evolve in alignment with market development and changes to the operating environment. IBEDC may invest more than the indicated annual CAPEX figure in any particular year on account of front-loading proposed future investments or due to the unanticipated critical investment needs subject to the approval of the Commission.

5.0 Front-loading of CAPEX

IBEDC is at liberty to front-load its CAPEX programmes to attain accelerated service improvements. Front-loading of CAPEX programme in any year shall not exceed annual CAPEX for the following year in line with the framework for continuous update of the PIPs.

6.0 CAPEX Clawback

Annual CAPEX provisions that are unutilized or imprudently expended shall be clawed back during Minor Reviews of Tariffs in line with the requirements of Section 7(a) of Regulations on Procedure for Electricity Tariff Reviews in the NESI.

7.0 Commencement and Effectiveness

The approved PIP and CAPEX programme of IBEDC shall take effect on the 1st day of July 2021 and shall remain effective until the 30th day of June 2026.

8.0 Signature

Dated this 29th day of April 2021



Sanusi Garba

Chairman



Dafe C. Akpeneye

Commissioner

Appendices

Appendix 1 - Details of Planned 2021 Investments for Ibadan Electricity Distribution Company

<i>Distribution Network: lines</i>						
<i>Project Type: Construction of 33kV Feeder</i>						
#	Project Description	Location	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact in (MW)	
1	Proposed extension of Powerline 33kV feeder to Ibokun Road to relieve overloaded Osogbo Township 33kV feeder	Osogbo	11	Oct-21	0.6	
2	Construction of 1.5km 33kV overhead line for Mokore-Akaranran T-Off on the proposed Line Breaker of NBL 33kV feeder at Olorunsogo 2x15MVA, 33/11kV Injection Substation, along Lagos-Ibadan Expressway, Ibadan	Ibadan	1.5	Dec-21	1.1	
3	Construction of 1.1km double circuit 33kV overhead line for Gbogbi-Airport-Iyana Agbola T-Off on the proposed Line Breaker of NBL 33kV feeder at Olorunsogo 2x15MVA, 33/11kV Injection Substation, along Lagos-Ibadan Expressway, Ibadan.	Ibadan	1.1	Dec-21	0.6	
4	Proposed radiation of New FUNAAB 33kV feeder from New Abeokuta 2x60MVA, 132/33kV Transmission Station to relieve the overloaded FUNAAB 33kV feeder.	Abeokuta	10	Dec-21	1	
5	Construction of 0.15km 33kV Overhead line as In-feed for the proposed Alomoja 1x15MVA Injection Substation	Ibadan	0.15	Jun-22	12	
6	Construction of 33kV line from two TCN to Lalupon to relieve Adogbo 33kV feeder from Ibadan North TCN	Ibadan	15.5	Mar-23	0.9	
7	Construction of a new 33kV feeder from Oka TS to relieve Lusoda 33kV feeder.	Ota	16	Sep-22	0.7	
8	Dualization of NNPC/Ogijo 33kV feeder.	Sagamu	12.3	Jun-22	0.8	
9	Construction of Oke-Osin 33kV feeder to deload Industrial 33kV Feeder, Kwara State.	Ilorin	12.5	Sep-22	1.2	



10	Construction of 0.15km 33kV Overhead line as in-feed for the proposed Lalupon 1x15MVA Injection Substation	Ibadan	0.15	Mar-23	12
11	Construction of 33kV overhead line for the newly proposed 1No. 500KVA, 33/0.415kV Transformer for Victory Estate CDA at Soolu Villages, Ifo, in Ogun Region	Ifo, Ogun State	0.9	Jun-21	0.32
12	Construction of 33kV Overhead line extension on Barracks 33kV Feeder for the installation of 1No. 300KVA, 33/0.415kV Transformer for Itebodun Community, Ijebu Ode, Ogun State.	Ijebu Ode, Ogun State	0.65	Jun-21	0.2
13	Construction of 0.15km 33kV Overhead line as in-feed for the proposed Budo-Eto 2x15MVA Injection Substation	Ilorin	0.38	Dec-23	24
14	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ISALE OJA 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IJEBU ODE	Ijebu Ode	1	Dec-21	0.32
15	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ALABOMEHIN, 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, SAGAMU	Sogomu	1.1	Dec-21	0.32
16	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF GIWA 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, SAGAMU	Sogomu	1	Dec-21	0.32
17	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF OMOIYE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, SAGAMU	Sogomu	1	Dec-21	0.32
18	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ITAMOTOYE, 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, SAGAMU	Sogomu	1.1	Dec-21	0.32
19	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF KAFIDUPE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1.1	Dec-21	0.32
20	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF IJAGBA I 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1	Dec-21	0.32
21	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ALSHIBA II 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1	Dec-21	0.32

22	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF FASHOGBON 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1	Dec-21	0.32
23	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AMERICAN JUNCTION 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1.1	Dec-21	0.32
24	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AKINLADE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1.1	Dec-21	0.32
25	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF OKE ORE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OTA	Ota	1	Dec-21	0.32
26	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF KUGBA ALAGBE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IJELIN, ABEOKUTA.	Ijebu	1	Dec-21	0.32
27	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AWOKOSE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OSOGBO	Osoyibo	1	Dec-21	0.32
28	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF IDIRE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OSOGBO ROAD, IIOBU, EDE	Ede	1	Dec-21	0.32
29	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ALABI OGUNDEPO 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, AGUNBELEWO, EDE	Ede	1	Dec-21	0.32
30	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AKANKAN 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, EDE	Ede	1	Dec-21	0.32
31	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF DISU 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IFON, EDE	Ede	1.1	Dec-21	0.32



32	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ORISUNBARE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IKIRUN	Ikirun	1.1	Dec-21	0.32
33	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF QUARRY 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, ILESA	Ileso	1	Dec-21	0.32
34	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AFRICA 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, ILESA	Ileso	1.1	Dec-21	0.32
35	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF GOSHEN 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OGBOMOSO	Ogbomoso	1.1	Dec-21	0.32
36	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF GOSHEN 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OGBOMOSO	Ogbomoso	1.1	Dec-21	0.32
37	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF GARAGE OKEOGBIN QUARRY 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OMU ARAN	Omu-Aran	1	Dec-21	0.32
38	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF RELE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OMU ARAN	Omu-Aran	1	Dec-21	0.32
39	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ANGELICAN OKE OPIN TOWN 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OMU ARAN	Omu-Aran	1	Dec-21	0.32
40	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ORA OBE ILE 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OMU ARAN	Omu-Aran	1	Dec-21	0.32
41	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF ALASORO , 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, JEBBA	Jebba	1.1	Dec-21	0.32
42	CONSTRUCTION OF 1.1KM 33KV OVERHEAD LINE FOR INSTALLATION OF NDAYAKO 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, JEBBA	Jebba	1.1	Dec-21	0.32

43	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF TEMIDIRE COMMUNITY II 500KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, CHALLENGE	Challenge	1	Dec-21	0.32
44	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AKINGBALA 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IJEUIN	IJEUIN	1	Dec-21	0.2
45	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF AKINGBALA II 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, IJEUIN	IJEUIN	1	Dec-21	0.2
46	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF OKOBAOPE 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OSOGBO	OSOGBO	1	Dec-21	0.2
47	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF OREDUNNI 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, OSOGBO	OSOGBO	1	Dec-21	0.2
48	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF SHAO EXPRESS 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, BABOKO	BABOKO	1	Dec-21	0.2
49	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF JOKOLU 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, BABOKO	BABOKO	1	Dec-21	0.2
50	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF WODATA 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, JEBBA	JEBBA	1	Dec-21	0.2
51	CONSTRUCTION OF 1KM 33KV OVERHEAD LINE FOR INSTALLATION OF IYALODE EAST SIDE 300KVA, 33/0.415KV RELIEF DISTRIBUTION SUBSTATION, GANMO, CHALLENGE.	CHALLENGE	1	Dec-21	0.2

Distribution Network: lines

Project Type: Rehabilitation of 33kV Feeder

#	Project Description	Overhead/ underground	Location	Route length (km)	Project Completion	Expected Impact in (MW)



						Date (MM - YY)	
1	Rehabilitation of the collapsed section (Oke-Sobo and Iberokodo end) of Lagos Road 33kV line in Abeokuta under Ojumo Business Hub	Overhead	Abeokuta	4		Oct-21	0.6
2	Proposed reinforcement of Jebba to Tsonga on Jeba Bacita 33kV feeder overhead line network.	Overhead	Jebba	10		Mar-22	0.9
3	Rehabilitation of Sobi Poly 33kV feeder.	Overhead	Ilorin	5.5		Dec-21	1.1
4	Rehabilitation of Osogbo / Ejiqbo 33kV line.	Overhead	Osogbo	18		Dec-21	1.4
5	Rehabilitation of Interchange 33kV feeder from TCN Ayede.	Overhead	Ibadan	3		Dec-21	1
6	Proposed rehabilitation of Imeko 33kV feeder	Overhead	Abeokuta	0.7		Mar-23	0.8
7	Reconductoring of Industrial 33kV Feeder, Kwara State.	Overhead	Ilorin	6.5		Mar-23	1.2
8	Proposed rehabilitation of Industrial 33kV feeder, under Molele Business Hub, Ibadan Region.	Overhead	Ibadan	1.5		Mar-21	0.4
9	Proposed rehabilitation of Ikin 33kV feeder, under Itefe Business Hub, Ogun Region	Overhead	Itefe	15		Jul-21	0.5
10	Rehabilitation of abandoned NIPP 33kV line from TCN to relieve Township 33kV Line at Itefe	Overhead	Itefe	1.5		Dec-21	1.1
11	Rehabilitation of Iyanlu Isin 33kV feeder.	Overhead	Omuoron, kwara State	2		Dec-21	0.3
12	Vegetation Management of Barrocks 33kV lines.	Overhead	Ijebu-ode, Ogun State	523		Dec-21	0.6
13	Vegetation Management of Ijebu-Igbo 33kV Feeder	Overhead	Ijebu-ode, Ogun State	522		Dec-21	0.6

Distribution Network: lines

Project Type: Construction of 11kV Feeder

S/ N	Project Description	Location	Route Length (km)	Project Completion Date (MM. YY)	Expected Impact in MW)
1	Construction of a new 0.15km Arapaja 11kV Overhead line as Outgoing feeder for the proposed Alamoja 1x15MVA Injection Substation	Ibadan	0.15	Dec-22	12
2	Construction of a new 3km Aramed/Blackhorse 11kV Overhead line as Outgoing feeder for the proposed Alamoja 1x15MVA Injection Substation	Ibadan	3	Nov-22	5
3	Construction of a new 5.3km Idi-Ayure 11kV Overhead line as Outgoing feeder for the proposed Alamoja 1x15MVA Injection Substation	Ibadan	5.3	Dec-22	5
4	Construction of a new 0.3km 11kV Overhead line as extension line on the Aramed 11kV feeder of the proposed Alamoja 1x15MVA Injection Substation to deload the existing BAT 11kV feeder	Ibadan	0.3	Nov-22	5
5	Construction of Elerusonsa 11kV feeder to relieve Railway 11kV feeder, ex-Iericho Injection Substation	Ibadan	3.1	Jul-21	5
6	Construction of Oke-Odo 11kV to deload Awolowo Road 11kV Feeder.	Ilorin	2.4	Sep-22	5
7	Proposed diversion of load from GRA 11kV feeder to Loderin 11kV feeder within Ijeun Business Hub, Ogun State.	Abeokuta	0.5	Mar-21	0.6
8	Proposed construction of Pipalime (Commercial) 11kV feeder, Challenge Business Hub.	Ilorin	1	Jun-21	5
9	Proposed diversion of load (9 No. Transformers) from Obantoko 11kV feeder to Odeda 11kV feeder within Ijeun Business Hub, Ogun State.	Abeokuta	1.6	Jun-21	2.88



10	Construction of proposed 2No. 11kV (double circuit) feeders from Igbobi 2x15MVA, 33/11kV Injection Substation.	Sagamu	1.5	Jun-22	10
11	Construction of 11kV line to relief Abiola way feeder at Abeokuta.	Abeokuta	2.3	Mar-22	5
12	Construction of proposed Somorin 11kV feeder to relieve Okantoko 11kV line.	Abeokuta	1.6	Mar-22	5
13	Construction of a new 1.1km Judge's Ohs 11kV Overhead line as Outgoing feeder for the proposed Budo-Eto 2x15MVA Injection Substation.	Ilorin	1.1	Dec-22	5
14	Construction of a new 1.15km F-Division 11kV Overhead line as Outgoing feeder for the proposed Budo-Eto 2x15MVA Injection Substation.	Ilorin	1.15	Dec-23	3
15	Construction of a new 1.65km Iaoheed Road 11kV Overhead line as Outgoing feeder for the proposed Budo-Eto 2x15MVA Injection Substation.	Ilorin	1.65	Dec-22	4
16	Construction of a new 4.2km Oke Andl 11kV Overhead line as Outgoing feeder for the proposed Budo-Eto 2x15MVA Injection Substation.	Ilorin	4.2	Dec-23	5
17	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF UAC AREA 1, SAGAMU, 500kVA, 11/0.415kV	IEBU ODE	1	Dec-22	0.32
18	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF ARUBA, SAGAMU, 500kVA, 11/0.415kV	IEBU ODE	1	Dec-21	0.32
19	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF AMOK (UNITY), IEJUN, 500kVA, 11/0.415kV	IEJUN	1	Dec-21	0.32
20	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF JAMES CORNER, IEJUN, 500kVA, 11/0.415kV	IEJUN	1	Dec-21	0.32
21	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF GENERAL HOSPITAL, IEJUN, 500kVA, 11/0.415kV	IEJUN	1	Dec-21	0.32
22	CONSTRUCTION OF 1KM LINE FOR THE INSTALLATION OF ASEYORI, IEJUN, 500kVA, 11/0.415kV	IEJUN	1	Dec-21	0.32

Distribution Network: lines

Project Type: Rehabilitation of 33kV Feeder

#	Project Description	Type of Rehabilitation	Location	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact in Gwh
1	Re-construction of Ibeshe 33kV Line	Reconductorng	Ikorodu	4.25	Oct-21	7.0
2	Proposed rehabilitation of isolated part of Yidi 33kV feeder	Reconductorng	Abule Egba	1.65	Jul-21	3.0
3	Proposed Extension of Egbe 33kV feeder to KWARU 1X15MVA ISS	Reconductorng	Oshodi	2.45	Dec-21	2.2
4	33-AlimoshoTCNADIYAN	Reconductorng	Abule Egba	1.177902	Dec-21	
5	33-Oke-AroTCNAKUTE	Reconductorng	shomolu	53.17975	Dec-21	
6	33-AyoboTCNABESAN	Reconductorng	akowonjo	5.865424	Dec-21	
7	33-AlimoshoTCN-TOWER IPAJA	Reconductorng	akowonjo	7.714526	Dec-21	
8	33-AlimoshoTCNAGEGE	Reconductorng	akowonjo	5.798636	Dec-21	
9	33-MarylandTCNPTC	Reconductorng	Ikeja	5.755944	Dec-21	
10	33-OgbaTCNUNIVERSAL STEEL	Reconductorng	Ikeja	2.270621	Dec-21	
11	33-OgbaTCNSANKYO	Reconductorng	Ikeja	2.447331	Dec-21	
12	33-AlausaTCNOPEBI	Reconductorng	Ikeja	3.3936	Dec-21	
13	33-IkoroduTCNSPINITEX	Reconductorng	Ikorodu	7.199985	Dec-21	
14	33-IkoroduTCNINDUSTRIAL	Reconductorng	Ikorodu	8.348768	Dec-21	
15	33-MarylandTCNAIEGUNLE	Reconductorng	Ikorodu	27.89454	Dec-21	
16	33-OdogunyanTCNAGBEDE	Reconductorng	Ikorodu	35.29742	Dec-21	
17	33-IkoroduTCNJEDE	Reconductorng	Ikorodu	43.95953	Dec-21	
18	33-EjigboTCNAIRPORT	Reconductorng	Oshodi	5.390465	Dec-21	
20	33-EgbinTCNOKELETU	Reconductorng	Ikorodu		Dec-21	
Total				224		



Distribution Network: lines

Project Type: Construction of 11KV Feeder

#	Project Description	Location	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact In GWh
1	Prop. Aguntoye 11KV Feeder ex- Igbogbo ISS	Ikorodu	4.04	Nov-21	3.65
2	Feeder re-arrangement between Majidun 11KV Feeder and On-Okuta 11KV Feeder	Ikorodu	0.90	Jul-21	0.41
3	Feeder re-arrangement between Opebi and Agbocku 11KV Feeders	Ikeja	0.65	Jun-21	0.30
4	PROPOSED ASALU 11KV FEEDER EX- PROP. KWARU 1 X 15MVA ISS.	Oshodi	1.30	Dec-21	2.23
5	PROPOSED ASALU 11KV FEEDER EX- PROP. KWARU 1 X 15MVA ISS.	Oshodi	0.20	Dec-21	2.23
6	PROPOSED OSUNBA 11KV FEEDER EX- PROP. KWARU 1 X 15MVA ISS.	Oshodi	2.05	Dec-21	2.23
7	PROPOSED OSUNBA 11KV FEEDER EX- PROP. KWARU 1 X 15MVA ISS.	Oshodi	0.10	Dec-21	2.23
8	Prop. Ayo-Ajoyi 11KV Feeder ex- Oke Ina ISS	Ikeja	2.20	Jun-21	0.31
9	Prop. Ayo-Ajoyi 11KV Feeder ex- Oke Ina ISS	Ikeja	0.25	Jun-21	0.31
10	Prop. Dasumu 11KV Feeder ex- Madoluku 1x15MVA ISS	Oshodi	2.05	Oct-21	0.08
11	Prop. Iafanwa 11KV Feeder ex- Ayetoro ISS	Akowonjo	2.40	May-21	0.39
12	Prop. Iafanwa 11KV Feeder ex- Ayetoro ISS	Akowonjo	0.06	May-21	0.39
13	Prop. Megida 11KV Feeder ex- Alajo ISS	Akwoyija	0.95	Jun-21	1.33
14	Prop. Atonla 11KV Feeder Ex Ayobo ISS	Akwoyija	1.90	Sep-21	0.47
15	Prop. Atonla 11KV Feeder Ex Ayobo ISS	Akwoyija	0.31	Sep-21	0.47
16	PROPOSED LASPOTECH CAMPUS 11KV FEEDER EX- PROPOSED LASPOTECH 1X15MVA ISS	Ikorodu	1.20	Dec-21	2.90
17	PROPOSED 11KV FEEDER EX- PROPOSED LASPOTECH 1X15MVA ISS TO RELIEVE ERUNWEN 11KV FEEDER	Ikorodu	1.60	Dec-21	2.90
18	PROPOSED 11KV FEEDER EX- PROPOSED LASPOTECH 1X15MVA ISS TO RELIEVE IJEBU-ODE 11KV FEEDER	Ikorodu	0.05	Dec-21	2.90

19	11KV Feeder Re-arrangement: Amuwo Ijesha/Canal/Ago 11kv Feeders	Oshodi	1.40	Dec-21	0.28
20	11KV Feeder Re-arrangement: Amuwo Ijesha/Canal/Ago 11kv Feeders	Oshodi	0.08	Dec-21	0.28
21	Feeder Re-arrangement between Oba Akinjobi and Isaac John 11KV Feeders	Ikeja	0.10	Jun-21	2.64
22	Proposed Run-View 11kv feeder ex - Ago 2x15MVA	Oshodi	6.05	Oct-21	0.08
23	11KV Feeder Re-arrangement: Abimbola/Osoto 11kv Feeder Re-arrangement	Oshodi	0.65	Aug-21	0.06
24	Feeder Re-arrangement between Bode Williams and Olota 11KV Feeder	Oshodi	0.85	Jun-21	0.04
25	Proposed Rotimi Williams 11kv Feeder	Abule Egba	1.63	Jul-21	0.06
26	Prop. LakeView II 11KV Feeder	Oshodi	1.10	Aug-21	0.09
27	Feeder re-arrangement between UAC and Alosua 11KV Feeders	Ikeja	1.00	Jul-21	0.20
32	Relief of Centex 11kv feeder	Ikorodu	4.00	Dec-21	0.198426437
33	Relief of Iba Olowu 11kv feeder	Ikorodu	3.00	Dec-21	0.198426437

Distribution Network: lines

Project Type: Rehabilitation of 11KV Feeder

#	Project Description	Location	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact In GWh
1	Evacuation of Fodeyi 11KV to 11-Igbohin/11-3-Mushin 1	Shomolu	2	Sep-21	0.20
2	11-Iju/11-TI-Water Works	ABULE EGBA	15	Dec-21	
3	11-Beckley/11-TI-Beckley	ABULE EGBA	15	Dec-21	
4	11-Iju/11-TI-Galilee	ABULE EGBA	3	Dec-21	
5	11-Lambel/11-TI-Matogun	ABULE EGBA	10	Dec-21	
6	11-Obawole/11-TI-Topo Shonubi	ABULE EGBA	6	Dec-21	
7	11-Obawole/11-TI-Anthony Youdeawei	ABULE EGBA	10	Dec-21	
8	11-Beckley/11-TI-Agbe road	ABULE EGBA	17	Dec-21	
9	11-Yidi/11-TI-Opeju	ABULE EGBA	26	Dec-21	
10	11-Yidi/11-TI-Osoba	ABULE EGBA	7	Dec-21	
11	11-Yusuf/11-TI-Akera	ABULE EGBA	10	Dec-21	

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12	11-YusufINJ11-Yusuf	ABULE EGBA	4	Dec-21	
13	11-New GowonINJ11-Unity	AKOWONJO	6	Dec-21	
14	11-New GowonINJ11-Olanmodiba	AKOWONJO	8	Dec-21	
15	11-OgbaINJ13-Oba Akron	IKEA	3	Dec-21	
16	11-EkoroINJ12-Ekoro	AKOWONJO	6	Dec-21	
17	11-AyelenrinINJ11-Bada	AKOWONJO	8	Dec-21	
18	11-OpebiINJ11-Olusosun	IKEA	7	Dec-21	
19	11-New AlausaINJ14-Siyambola	IKEA	7	Dec-21	
20	11-Oke IraINJ12-Koyode	IKEA	13	Dec-21	
21	11-New AlausaINJ16-Ogundana	IKEA	4	Dec-21	
22	11-OpebiINJ11-Salvation	IKEA	7	Dec-21	
23	11-New AlausaINJ15-Alausa	IKEA	4	Dec-21	
24	11-New AlausaINJ14-Allen	IKEA	5	Dec-21	
25	11-OgbaINJ13-M & B	IKEA	3	Dec-21	
26	11-IlupejuINJ11-Bhojson	IKEA	1	Dec-21	
28	11-New AlausaINJ14-Oregun	IKEA	3	Dec-21	
29	11-New AlausaINJ16-Aronire	IKEA	1	Dec-21	
30	11-New AlausaINJ16-Awolowo	IKEA	6	Dec-21	
31	11-SecretariatINJ11-Estate	IKEA	6	Dec-21	
32	11-OgbaINJ11-Igaye	IKEA	17	Dec-21	
33	11-OpebiINJ11-Agbaaku	IKEA	5	Dec-21	
34	11-SecretariatINJ11-Lateef Jakande	IKEA	7	Dec-21	
35	11-PTCINJ11-Opebi	IKEA	6	Dec-21	
36	11-PTCINJ12-Medical	IKEA	3	Dec-21	
37	11-SecretariatINJ11-Omoile	IKEA	3	Dec-21	
38	11-AgegeINJ11-Iju Road	IKEA	12	Dec-21	
39	11-AjagunleINJ11-Owode Oritin	IKORODU	19	Dec-21	
40	11-IkireINJ12-Amuwo-Ilesha	OSHODI	1	Dec-21	
41	11-IkireINJ13-Ago	OSHODI	9	Dec-21	
42	11-AjaoINJ11-Airport Road	OSHODI	7	Dec-21	
43	11-AjaoINJ12-New Estate	OSHODI	2	Dec-21	
44	11-Oke AitalINJ12-ICHE	OSHODI	7	Dec-21	

45	11-AgegeInJ-T3-Oyemekun	IKEA	14	Dec-21	
46	11-Oke AfaiInJ-T2-Osolo	OSHODI	10	Dec-21	
47	11-OwaroInJ-T1-Hospital	SHOMOLU	6	Dec-21	
48	11-IlupejuInJ-T3-Palmgrove	SHOMOLU	6	Dec-21	
49	11-MarylandInJ-T3-Sylvia	SHOMOLU	6	Dec-21	
50	11-AkokaiInJ-T1-Akoka	SHOMOLU	3	Dec-21	
51	11-Ilupeju BypassInJ-T1-Obankoro	SHOMOLU	4	Dec-21	
52	11-AkokaiInJ-T3-Akoka	SHOMOLU	3	Dec-21	
53	11-MafolokunInJ-T1-Makinde	OSHODI	5	Dec-21	
54	11-IsheriInJ-T1-Bankola	SHOMOLU	6	Dec-21	
55	11-IsheriInJ-T1-Isheri	SHOMOLU	4	Dec-21	
56	11-MagodoInJ-T2-CMD	SHOMOLU	2	Dec-21	
57	11-MarylandInJ-T1-Okupe	SHOMOLU	5	Dec-21	
58	11-OguduInJ-T3-Soluji	SHOMOLU	4	Dec-21	
59	11-OloworoInJ-T1-Orisha	SHOMOLU	4	Dec-21	
60	11-OloworoInJ-T1-JINILAG	SHOMOLU	6	Dec-21	
61	11-WasimiInJ-T1-Aroromi	SHOMOLU	5	Dec-21	
62	Proposed de-loading of Ijebu Ode 11kv feeder with Iosunwon 11kv	IKORODU	19	Dec-21	
63	Rehabilitation of thomas soloko 11kv feeder	IKEA	9	Dec-21	

Distribution Network: lines

Project Type: Construction and Rehabilitation of 0.400KV Feeder

#	Project Description	Type of Project	Location	GPS Coordinates	Route Length (km)	Project Completion Date
1	Rehabilitation of LT feeders in ADIYAN	Rehabilitation	ADIYAN		38	Dec-21
2	Rehabilitation of LT feeders in AKUTE	Rehabilitation	AKUTE		27	Dec-21
3	Rehabilitation of LT feeders in FAGBA	Rehabilitation	FAGBA		7	Dec-21
4	Rehabilitation of LT feeders in UAIYE	Rehabilitation	UAIYE		19	Dec-21
5	Rehabilitation of LT feeders in JUU	Rehabilitation	JUU		15	Dec-21
6	Rehabilitation of LT feeders in LAMBE	Rehabilitation	LAMBE		18	Dec-21



7	Rehabilitation of LT feeders in A.I.T.	Rehabilitation	A.I.T.		6	Dec-21
8	Rehabilitation of LT feeders in ABORU	Rehabilitation	ABORU		2	Dec-21
9	Rehabilitation of LT feeders in ABULE ODU	Rehabilitation	ABULE ODU		6	Dec-21
10	Rehabilitation of LT feeders in ABULE TAYLOR	Rehabilitation	ABULE TAYLOR		4	Dec-21
11	Rehabilitation of LT feeders in AYOBO	Rehabilitation	AYOBO		14	Dec-21
12	Rehabilitation of LT feeders in DOPFEMU	Rehabilitation	DOPFEMU		2	Dec-21
13	Rehabilitation of LT feeders in EGBEDA	Rehabilitation	EGBEDA		2	Dec-21
14	Rehabilitation of LT feeders in GOWON	Rehabilitation	GOWON		2	Dec-21
15	Rehabilitation of LT feeders in IPALA	Rehabilitation	IPALA		9	Dec-21
16	Rehabilitation of LT feeders in OKE ODO	Rehabilitation	OKE ODO		2	Dec-21
17	Rehabilitation of LT feeders in ORILE AGEGE	Rehabilitation	ORILE AGEGE		1	Dec-21
18	Rehabilitation of LT feeders in ANIFOWOSHE	Rehabilitation	ANIFOWOSHE		1	Dec-21
19	Rehabilitation of LT feeders in IFAKO	Rehabilitation	IFAKO		1	Dec-21
20	Rehabilitation of LT feeders in OBA AKRAN	Rehabilitation	OBA AKRAN		1	Dec-21
21	Rehabilitation of LT feeders in OGBA	Rehabilitation	OGBA		1	Dec-21
22	Rehabilitation of LT feeders in OJODU	Rehabilitation	OJODU		2	Dec-21
23	Rehabilitation of LT feeders in OKE-IRA	Rehabilitation	OKE-IRA		1	Dec-21
24	Rehabilitation of LT feeders in OREGUN	Rehabilitation	OREGUN		1	Dec-21
25	Rehabilitation of LT feeders in PTC	Rehabilitation	PTC		2	Dec-21
26	Rehabilitation of LT feeders in AYANGBUREN	Rehabilitation	AYANGBUREN		29	Dec-21
27	Rehabilitation of LT feeders in EPE	Rehabilitation	EPE		22	Dec-21
28	Rehabilitation of LT feeders in IGBOGBO	Rehabilitation	IGBOGBO		113	Dec-21
29	Rehabilitation of LT feeders in JEDE	Rehabilitation	JEDE		2	Dec-21
30	Rehabilitation of LT feeders in LASUNWON	Rehabilitation	LASUNWON		33	Dec-21
31	Rehabilitation of LT feeders in ODOGUNYAN	Rehabilitation	ODOGUNYAN		20	Dec-21
32	Rehabilitation of LT feeders in OWUTU	Rehabilitation	OWUTU		46	Dec-21
33	Rehabilitation of LT feeders in AGO	Rehabilitation	AGO		3	Dec-21
34	Rehabilitation of LT feeders in AJAO	Rehabilitation	AJAO		2	Dec-21
35	Rehabilitation of LT feeders in AMUWO	Rehabilitation	AMUWO		1	Dec-21
36	Rehabilitation of LT feeders in IDIMU	Rehabilitation	IDIMU		7	Dec-21
37	Rehabilitation of LT feeders in IGANDO	Rehabilitation	IGANDO		16	Dec-21
38	Rehabilitation of LT feeders in IJEGUN	Rehabilitation	IJEGUN		13	Dec-21

39	Rehabilitation of LT feeders in IKOTUN	Rehabilitation	IKOTUN	8	Dec-21
40	Rehabilitation of LT feeders in ISOLO	Rehabilitation	ISOLO	1	Dec-21
41	Rehabilitation of LT feeders in OKE AFA	Rehabilitation	OKE AFA	5	Dec-21
42	Rehabilitation of LT feeders in OKOTA	Rehabilitation	OKOTA	1	Dec-21
43	Rehabilitation of LT feeders in OSHODI	Rehabilitation	OSHODI	1	Dec-21
44	Rehabilitation of LT feeders in BARIGA	Rehabilitation	BARIGA	3	Dec-21
45	Rehabilitation of LT feeders in IGBOBI	Rehabilitation	IGBOBI	4	Dec-21
46	Rehabilitation of LT feeders in IKOSI	Rehabilitation	IKOSI	1	Dec-21
47	Rehabilitation of LT feeders in ILUPEJU	Rehabilitation	ILUPEJU	3	Dec-21
48	Rehabilitation of LT feeders in KETU	Rehabilitation	KETU	1	Dec-21
49	Rehabilitation of LT feeders in MAGGODO	Rehabilitation	MAGGODO	1	Dec-21
50	Rehabilitation of LT feeders in MENDE	Rehabilitation	MENDE	1	Dec-21
51	Rehabilitation of LT feeders in OGUDU	Rehabilitation	OGUDU	1	Dec-21
52	Rehabilitation of LT feeders in OLATEJU	Rehabilitation	OLATEJU	3	Dec-21
53	Rehabilitation of LT feeders in OLOWORA	Rehabilitation	OLOWORA	1	Dec-21
54	Rehabilitation of LT feeders in OWORO	Rehabilitation	OWORO	6	Dec-21

Distribution Network: stations

Project Type: New Construction, Reinforcement and Standardisation of Distribution Substation

#	Name of Substation	Transformation Voltage (kV)	Rating - kVA	Type of work (New Construction or Replacement)	Location	Quantity	Project Completion Date (MM - YY)
1	Relief of 5no. Band A and B Overloaded DTs in Abule Egba BU	33/0.415	500	New Construction	Abule Egba	5	Dec-21
2	Relief of 30no. Band A and B Overloaded DTs in Abule Egba BU	11/0.415	500	New Construction	Abule Egba	30	Dec-21
3	Relief of 30no. Band A and B Overloaded DTs in Abule Egba BU	11/0.415	500	Replacement	Abule Egba	30	Dec-21
4	Relief of 41no. Band A and B Overloaded DTs in Abule Egba BU	11/0.415	100	Replacement	Abule Egba	41	Dec-21



5	Relief of 11no. Bond A and B Overloaded DTs in Ikeja BU	11/0.415	500	New Construction	Ikeja	11	Dec-21
6	Relief of 5no. Bond A and B Overloaded DTs in Ikeja BU	11/0.415	500	Replacement	Ikeja	5	Dec-21
7	Relief of 24no. Bond A and B Overloaded DTs in Ikeja BU	11/0.415	100	Replacement	Ikeja	24	Dec-21
8	Relief of 26No. Bond A and B Overloaded DTs in Ikorodu BU	33/0.415	500	New Construction	Ikorodu	26	Dec-21
9	Relief of 13No. Bond A and B Overloaded DTs in Ikorodu BU	33/0.415	500	Replacement	Ikorodu	13	Dec-21
10	Relief of 19No. Bond A and B Overloaded DTs in Ikorodu BU	11/0.415	500	New Construction	Ikorodu	19	Dec-21
11	Relief of 6No. Bond A and B Overloaded DTs in Ikorodu BU	11/0.415	500	Replacement	Ikorodu	6	Dec-21
12	Relief of 9no. Bond A and B Overloaded DTs in Oshodi BU	33/0.415	500	New Construction	Oshodi	9	Dec-21
13	Relief of 38no. Bond A and B Overloaded DTs in Oshodi BU	11/0.415	500	New Construction	Oshodi	38	Dec-21
14	Relief of 26no. Bond A and B Overloaded DTs in Oshodi BU	11/0.415	500	Replacement	Oshodi	26	Dec-21
15	Relief of 1no. overloaded DTs in Akowonjo BU	33/0.415	500	New Construction	Akowonj	1	Dec-21
16	Relief of 31no. overloaded DTs in Akowonjo BU	11/0.415	500	New Construction	Akowonj	31	Dec-21
17	Relief of 16no. overloaded DTs in Akowonjo BU	11/0.415	500	Replacement	Akowonj	16	Dec-21
18	Relief of 15no. overloaded DTs in Akowonjo BU	11/0.415	100	Replacement	Akowonj	15	Dec-21
19	Relief of 4no. Bond C and D overloaded DTs in Shomolu BU	33/0.415	500	New Construction	Shomolu	4	Dec-21
20	Relief of 31no. Bond C and D overloaded DTs in Shomolu BU	11/0.415	500	New Construction	Shomolu	31	Dec-21
21	Relief of 9no. Bond C and D overloaded DTs in Shomolu BU	11/0.415	500	Replacement	Shomolu	9	Dec-21
22	Provision for 150 Distribution Transformers to address newly overloaded Transformers and existing Transformer failures.	11/0.415	500	Replacement	All Network	150	Dec-21

23	Provision for 50 Distribution Transformers to address newly overloaded Transformers and existing Transformer failures.	33/0.415	500	Replacement	All Network	50	Dec-21
24	Transformers on P1nths	11/0.415	500	New Construction	All Network	100	Dec-21

Network: Injection Substations (33/11kV)

Project Type: Construction, Reinforcement and Standardisation of Injection Substation

#	Name of Substation	Location	Number of Units	Type (Manned/ unmannned)	Type of work	Rating - MVA	Project Completion Date (MM - YY)	Expected Impact (GWh)
1	Prop. Upgrade of PTC 7.5MVA Transformer to 15MVA	Ikeja	1	Manned	Upgrade of Power Transformer	15	Aug-21	1.81
2	Installation of Additional 7.5MVA 33/11kV Power Transformer at Oke Iro- (Existing 7.5MVA of PTC to be relocated)	Ikeja	1	Manned	Additional Power Transformer	7.5	Dec-21	1.54
3	Proposed Iaspolech 1 x 15MVA Injection Substation	Ikorodu	1	Manned	New Construction	15	Dec-21	2.90
4	Proposed Iaspolech 1 x 15MVA Injection Substation (Gantry and Switch Yard)	Ikorodu	1	Manned	New Construction		Dec-21	
5	Proposed Iaspolech 1 x 15MVA Injection Substation (land processing and ISS control room building)	Ikorodu	1	Manned	New Construction		Dec-21	
6	Proposed Kwaru 1x15MVA 33/11kV ISS	Oshodi	1	Manned	New Construction	15	Dec-21	2.23
7	Proposed Kwaru 1x15MVA 33/11kV ISS (Gantry and Switch Yard)	Oshodi	1	Manned	New Construction		Jan-22	
8	Proposed Kwaru 1x15MVA 33/11kV ISS (land processing and ISS control room building)	Oshodi	1	Manned	New Construction		Dec-21	



<i>Network: Standardisation of Existing Injection Substations (33/11KV)</i>						
<i>Project Type: Replacement of Switch Gears, Control Panel and Protection Equipment</i>						
#	Name of Substation	Description	Location	Quantity	Project Completion Date (MM - YY)	
1	Replacement of panels in 21 Injection Substations	11kv Incomer Circuit breaker	Across the network	31	Dec-21	
2	Replacement of panels in 21 Injection Substations	11kv Bus Coupler breaker	Across the network	17	Dec-21	
3	Replacement of panels in 21 Injection Substations	11KV outgoing circuit breaker	Across the network	124	Dec-21	
4	Installation of protective equipment in 64 ISS	33KV Transformer control panel	Across the network	64	Dec-21	
5	Prop. Ayo-Ajayi 11KV Feeder ex- Oke Iro ISS	11kv Incomer Circuit breaker	Ikeja	1	Jun-21	
6	Prop. Dosumu 11KV Feeder ex- Mafoluku 1x15MWVA ISS	11kv Incomer Circuit breaker	Oshodi	1	Oct-21	
7	Prop. Lofenwa 11KV Feeder ex- Ayetoro ISS	11kv Incomer Circuit breaker	Akwoonjo	1	May-21	
8	Prop. Megida 11KV Feeder ex- Alajo ISS	11kv Incomer Circuit breaker	Akwoonjo	1	Jun-21	
9	Proposed Run-View 11kv feeder ex - Ajoa 2x15MWVA	11kv Incomer Circuit breaker	Oshodi	1	Oct-21	
10	Evacuation of Fodayi 11KV to 11-Igbobihin-13-Mushin 1	11kv Incomer Circuit breaker	Shomolu	1	Sep-21	
11	Installation of protective equipment of top 20% substations (Dfuse, Gang Isolators, Lighting Arresters)	Standardisation	Across the network		Dec-21	
12	Standardization of top 20% of substations (fencing, DT RTU and feeder pillars) - Batch A	Standardisation	Across the network		Dec-21	

IT Investments (GIS)	
#	Name
1	Mobile Application X
Description To provide more service points availability for the network in order to enhance metering the customers faster.	
Total	

AT&C Loss Reduction Plan						
#	Name	Description	Quantity	Project Completion Date (MM - YY)	Expected Impact	
1	11-AlimosholNJ-T4FHA	Migrate customers to Bilateral Band	8.0	Jun-21	0.78	
2	11-AberonNJ-T1-Borruwa	Migrate customers to Bilateral Band	11.2	Jun-21		
3	11-MongorolNJ-T1-New Dogenu	Migrate customers to Bilateral Band	9.8	Jun-21	0.02	
4	11-AjadNJ-T2-Sholanke 11-Oke AdalNJ-T2-Osalo 11-MushinNJ-Aswari	Migrate customers to Bilateral Band	9.42 10.30 4.21	Jun-21	0.90	
5	11-Ago OkotalNJ-T2-Oke-Ogbere	Migrate customers to Bilateral	9.1	Jul-21	0.82	
6	11-Ago OkotalNJ-T2-IdekeView	Migrate customers to Bilateral	5.4	Jul-21	0.00	
7	11-Ago OkotalNJ-T1-Amuwo Ind	Migrate customers to Bilateral	20.1	Jul-21	0.00	
8	11-SabalNJ-Mary Hill	Migrate customers to Bilateral	7.4	Jul-21	0.48	
9	11-OloworolNJ-T1-Orisha 11-OloworolNJ-T1-Uriling 11-IsheritNJ-T1-Isheri	Migrate customers to Bilateral	3.82 6.44 4.28	Jul-21	6.00	
10	11-ObawolelNJ-T1-Anthony Youdewe	Migrate customers to Bilateral	10.3	Jul-21	0.07	
11	11-AberonNJ-T2-Abeson	Migrate customers to Bilateral	8.0	Jul-21	1.56	
12	Rock Centre Limited	Rock Centre Limited	NA	Jul-21	1.40	
13	Losg Revenue House	Losg Revenue House	NA	Jul-21	1.10	



14	11-OworolNI-13-Gbogoda	Migrate customers to Bilateral	6.3	Jul-21	0.68
15	11-OworolNI-13-Gbogoda	Migrate customers to Bilateral	6.3	Aug-21	0.68
16	11-OworolNI-11-Anthony	Migrate customers to Bilateral	8.4	Aug-21	0.05
17	11-SabalNI-11-Ayongburen	Migrate customers to Bilateral	5.7	Dec-21	0.26
18	33-OkeoroICN-Akute	Migrate customers to Bilateral	53.2	Dec-21	0.65

Customer Service Improvement Plan

#	Name	Description	Quantity	Project Completion Date (MM - YY)	Expected Impact
1	LASG General Hospitals	Connection of 6 LASG General Hospitals to bilateral power	6	Jun-21	0.80

IT Investments (SCADA)

#	Name	Description	Project Completion Date (MM - YY)	Expected Impact (GWh)
1	Geographic Network Monitoring System	Phased deployment of GNMS on Bilateral Feeders - Phase 1	Nov-21	0.8
2	Geographic Network Monitoring System	Phased deployment of GNMS on platinum Feeders - Phase 2	Jan-22	1.3
3	Geographic Network Monitoring System	Phased deployment of GNMS on Diamond Feeders - Phase 3	May-22	3.0

IT Investments (ERP)

#	Name	Description	Project Completion Date (MM - YY)
1	EAM - Maximo	Implement Enterprise Asset and Work Management System (Maximo)	Sep-21
	Total		

IT Investments (AMI)			
#	Name	Description	Project Completion Date (MM - YY)
1	CIS/AMI Upgrade	Upgrade and Consolidate CIS, AMI and Vending Platform (Migration from CIS version 1 to version 2)	Mar-22
2		Enterprise Cloud Data Warehouse	Sep-21

Network Metering (Smart Meters)				
#	Project Description	Description	Quantity	Project Completion Date (MM - YY)
1	11/0.400KV DT meters	Distribution Transformer Meters (Relief)	390	Dec-21

Other Service Improvement Plan				
#	Name	Description	Project Completion Date (MM - YY)	Expected Impact in GWh
1	Construction of 33kV Bay at Ogba TS for Abekuta Express	Bay Construction		2.6
2	Separation of Bolorunpelu and Egbe 33kV Bays at Eriqbo TS	Bay Construction	Dec-21	
3	Fault Passage Indicators/Deployment of FPIs on 20no. Identified feeders	Installation of fault passage indicator reduces portal time by accurately pin point location of faults on a line there by reducing Feeder downtime and increase Network Efficiency	Sep-21	
4	Off Grid Conversion of Companies	Conversion of several offgrid companies to the grid	Jun-21	8.0



5	Partnership Project with Mini-grid Operator	A project (relief 2DTs) to increase the energy levels and supply availability through strategic partnerships with Distributed Energy Service companies to locations that do not meet the requirements for Bilateral power through the Interconnected Mini-grid order.	Jun-21	0.2
6	Off Grid Conversion	Extension of the Aswani 33KV feeder to Abimbola Way to capture key off grid customers (Promasidor and KGM)	Dec-21	5.7
7	Drone Technology	Deployment of RMUS Mavic 2 Enterprise Dual/Zoom Ride-Along Drone Technology for Feeder patrol and maintenance to reduce patrol downtime[TAT]	Jul-21	
8	Setup of QAQC Lab	set up of a QAQC lab for Qualitative objective and material analysis	Dec-21	
9	T2 Oke Ato	Reconditioning and filtration of power transformer	Dec-21	
10	T2 PTC	Reconditioning and filtration of power transformer	Dec-21	
11	7.5MVA Gowon	Reconditioning and filtration of power transformer	Dec-21	
12	T3A IIRE	Reconditioning and filtration of power transformer	Dec-21	
13	T2 YUSUF	Reconditioning and filtration of power transformer	Dec-21	
14	T1 ABULE IROKO	Reconditioning and filtration of power transformer	Dec-21	
15	T2 WASIMI	Reconditioning and filtration of power transformer	Dec-21	
16	T1 ADARANILJO	Reconditioning and filtration of power transformer	Dec-21	
17	T1 AJAO	Reconditioning and filtration of power transformer	Dec-21	
18	T2 AJAO	Reconditioning and filtration of power transformer	Dec-21	
19	T1 SABO	Reconditioning and filtration of power transformer	Dec-21	
20	T2 JUJ	Reconditioning and filtration of power transformer	Dec-21	

Appendix 2 - Details of Planned 2022 Investments for Ikeja Electric

Distribution Network: lines

Project Type: Construction of 33kV Feeder

#	Project Description	Location	Overhead/ underground	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact in MW
1	Prop. Dangote 33KV Dedicated Feeder ex- Ogba TS	Ikeja	Underground	1.3	Dec-22	3.00
2	Proposed Adiyon Gasline 33KV line	Abule Egba	Overhead	4.6	Dec-22	3.84
3	Proposed Adiyon Gasline 33KV line	Abule Egba	Underground	0.4	Dec-22	
4	Proposed Igbo Olomo 33KV line	Ikorodu	Overhead	3.2	Dec-22	3.84
5	Proposed Igbo Olomo 33KV line	Ikorodu	Underground	0.1	Dec-22	
6	Proposed Oluodo 33KV line	Ikorodu	Overhead	0.8	Dec-22	3.84
7	Proposed Oluodo 33KV line	Ikorodu	Underground	0.2	Dec-22	
8	Proposed Abesan 33KV line	Alowonjo	Overhead	1	Dec-22	3.84
9	Proposed Abesan 33KV line	Alowonjo	Underground	0.1	Dec-22	
10	Proposed Odoeran 33KV line	Oshodi	Overhead	3.7	Dec-22	3.84
11	Proposed Odoeran 33KV line	Oshodi	Underground	0.4	Dec-22	
12	Proposed Obadore 33KV line	Alowonjo	Overhead	5	Dec-22	3.84
13	Proposed Obadore 33KV line	Alowonjo	Underground	0.3	Dec-22	
14	Proposed Fogbile 33KV line	Oshodi	Overhead	5	Dec-22	3.84
15	Proposed Fogbile 33KV line	Oshodi	Underground	0.3	Dec-22	
16	PROPOSED MOJODA 33KV FEEDER EX: JEBUODE TS.	Ikorodu	Overhead	2.05	Nov-22	4.80
17	PROPOSED MOJODA 33KV FEEDER EX: JEBUODE TS	Ikorodu	Underground	3	Nov-22	



18	Prop. Dangote 33KV Dedicated Feeder ex- Ogba TS	Ikeja	Underground	1.3	Dec-22	3
19	Proposed Fogble 33KV line	Oshodi	Overhead	5	Dec-22	3.84
20	Proposed Fogble 33KV line	Oshodi	Underground	0.3	Dec-22	3.84
Total				38		

Distribution Network: lines

Project Type: Rehabilitation of 33kV Feeder

#	Project Description	Type of Rehabilitation	Location	Route Length (km)	Project Completion Date (MM - YY)
1	33-IkoroduTCNAG8OWA	Reconducing	Ikorodu	26.28882	Dec-22
2	33-IkoroduTCNIBESH	Reconducing	Ikorodu	26.40938	Dec-22
3	33-AmuwoTCNHONGXING 2	Reconducing	Ikorodu	4.07192	Dec-22
4	33-AmuwoTCNFESTAC1	Reconducing	Ikorodu	8.81346	Dec-22
5	33-IsaloTCNAFFRINT	Reconducing	Ikorodu		Dec-22
6	33-IsaloTCNPIC Interface	Reconducing	Ikorodu	7.72432	Dec-22
7	33-EigboTCNOKEAFA 1	Reconducing	Ikorodu	1.11876	Dec-22
8	33-AlousaTCNOPIC	Reconducing	Ikorodu	10.99795	Dec-22
9	33-Oke-AroTCNAKUTE	Reconducing	Ikorodu	53.17975	Dec-22
10	33-Oke-AroTCNYIDI	Reconducing	Ikorodu	11.45427	Dec-22
11	33-AyobaTCNAMIKANLE	Reconducing	Ikorodu	14.58765	Dec-22
12	33-AyobaTCNAIYETORO	Reconducing	Ikorodu	5.29843	Dec-22
13	33-AlimoshoTCNTOWER ALUMINIUM	Reconducing	Ikorodu	7.71453	Dec-22
14	33-OdogunyanTCNAGBEDE	Reconducing	Ikorodu	35.29742	Dec-22
15	33-AmuwoTCNAMUKOKO	Reconducing	Ikorodu	4.93568	Dec-22
16	33-AyobaTCNAYO80	Reconducing	Ikorodu		Dec-22
17	33-IkoroduTCNOWUTU	Reconducing	Ikorodu	5.17914	Dec-22
18	33-OgbaTCNABEOKUTA EXP	Reconducing	Ikorodu	13.29280	Dec-22
19	33-AlousaTCNALAUSA	Reconducing	Ikorodu	0.70453	Dec-22
20	33-MARYLANDTCNALAUSA	Reconducing	Ikorodu	0.70453	Dec-22
21	33-EigboTCNSHASHA	Reconducing	Ikorodu	7.00018	Dec-22

22	33-EjigboTCN-AGODD EGBE	Reconductoring	Ikorodu	12.24224	Dec-22
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Distribution Network: lines

Project Type: Construction of 11KV Feeder

#	Project Description	Conductor Size (mm ²)	Location	Route Length (km)	Project Completion Date (MM - YY)	Expected Impact in MW
1	Proposed Joshua Oke-Owo 11kv feeder ex- Bolarunpelu 2x15mva	150	Oshodi	0.22	Sep-22	1.92
2	Proposed Joshua Oke-Owo 11kv feeder ex- Bolarunpelu 2x15mva	150	Oshodi	2.78	Sep-22	
3	Proposed Apple Junction 11KV feeder ex- Amuru 2 x 15MVA	150	Oshodi	2	Sep-22	1.92
4	Proposed Apple Junction 11KV feeder ex- Amuru 2 x 15MVA	150	Oshodi	0.75	Sep-22	
5	Proposed 11KV feeder for Adiyon Gasline ISS - line 1	150	Abule Egba	1.2	Dec-22	3.84
6	Proposed 11KV feeder for Adiyon Gasline ISS - line 2	150	Abule Egba	1.3	Dec-22	
7	Proposed 11KV feeder for Adiyon Gasline ISS - line 3	150	Abule Egba	1.2	Dec-22	
8	Proposed 11KV feeder for Adiyon Gasline ISS - line 1	150	Abule Egba	0.32	Dec-22	
9	Proposed 11KV feeder for Adiyon Gasline ISS - line 2	150	Abule Egba	0.4	Dec-22	
10	Proposed 11KV feeder for Adiyon Gasline ISS - line 3	150	Abule Egba	0.3	Dec-22	
11	Proposed 11KV feeder for Igbo Olomu - line 1	150	Ikorodu	1.9	Dec-22	3.84
12	Proposed 11KV feeder for Igbo Olomu - line 2	150	Ikorodu	1.9	Dec-22	
13	Proposed 11KV feeder for Igbo Olomu - line 1	150	Ikorodu	0.03	Dec-22	
14	Proposed 11KV feeder for Igbo Olomu - line 2	150	Ikorodu	0.03	Dec-22	



15	Proposed 11KV feeder for Abule Iroko - line 1	150	Ikorodu	1.95	Dec-22	3.84
16	Proposed 11KV feeder for Abule Iroko - line 1	150	Ikorodu	0.05	Dec-22	
17	Proposed 11KV feeder for Oluodo - line 1	150	Ikorodu	1.1	Dec-22	3.84
18	Proposed 11KV feeder for Oluodo - line 2	150	Ikorodu	1.1	Dec-22	
19	Proposed 11KV feeder for Oluodo - line 1	150	Ikorodu	0.05	Dec-22	
20	Proposed 11KV feeder for Oluodo - line 2	150	Ikorodu	0.05	Dec-22	
21	Proposed Odogunyan 11KV feeder line 1	150	Ikorodu	1.15	Dec-22	3.84
22	Proposed Odogunyan 11KV feeder line 2	150	Ikorodu	1.6	Dec-22	
23	Proposed Odogunyan 11KV feeder line 1	150	Ikorodu	0.05	Dec-22	
24	Proposed Odogunyan 11KV feeder line 2	150	Ikorodu	0.5	Dec-22	
25	Proposed Shasha 11KV feeder line 1	150	Ikorodu	2.5	Dec-22	3.84
26	Proposed Shasha 11KV feeder line 2	150	Ikorodu	1.5	Dec-22	
27	Proposed Shasha 11KV feeder line 1	150	Ikorodu	0.15	Dec-22	
28	Proposed Shasha 11KV feeder line 2	150	Ikorodu	1.15	Dec-22	
29	Proposed Abesan 11KV feeder line 1	150	Ikorodu	2.15	Dec-22	3.84
30	Proposed Abesan 11KV feeder line 2	150	Ikorodu	0.15	Dec-22	
31	Proposed Alapere 11KV feeder line 1	150	Shomolu	1.05	Dec-22	
32	Proposed Alapere 11KV feeder line 2	150	Shomolu	0.1	Dec-22	
33	Proposed New Oworo 11KV feeder line 1	150	Shomolu	1.05	Dec-22	3.84
34	Proposed New Oworo 11KV feeder line 1	150	Shomolu	0.1	Dec-22	
35	Proposed Owutu 11KV feeder line 1	150	Ikorodu	4.1	Dec-22	3.84
36	Proposed Owutu 11KV feeder line 2	150	Ikorodu	4	Dec-22	
37	Proposed Owutu 11KV feeder line 1	150	Ikorodu	0.1	Dec-22	
38	Proposed Owutu 11KV feeder line 2	150	Ikorodu	0.1	Dec-22	
39	Proposed Ipakodo 11KV feeder line 1	150	Ikorodu	1	Dec-22	3.84
40	Proposed Ipakodo 11KV feeder line 2	150	Ikorodu	1	Dec-22	
41	Proposed Ipakodo 11KV feeder line 1	150	Ikorodu	0.1	Dec-22	
42	Proposed Ipakodo 11KV feeder line 2	150	Ikorodu	0.2	Dec-22	
43	Proposed Odoeran 11KV feeder line 1	150	Oshodi	1.8	Dec-22	3.84
44	Proposed Odoeran 11KV feeder line 2	150	Oshodi	1.5	Dec-22	
45	Proposed Odoeran 11KV feeder line 3	150	Oshodi	1.7	Dec-22	

46	Proposed Odoeran 11KV feeder line 1	150	Oshodi	0.1	Dec-22	
47	Proposed Odoeran 11KV feeder line 2	150	Oshodi	0.1	Dec-22	
48	Proposed Odoeran 11KV feeder line 3	150	Oshodi	0.1	Dec-22	
49	Proposed Obadore 11KV feeder line 1	150	Oshodi	2.5	Dec-22	3.84
50	Proposed Obadore 11KV feeder line 2	150	Oshodi	1.9	Dec-22	
51	Proposed Obadore 11KV feeder line 1	150	Oshodi	0.4	Dec-22	
52	Proposed Obadore 11KV feeder line 2	150	Oshodi	0.5	Dec-22	
53	Proposed Fogbile 11KV feeder line 1	150	Oshodi	2.5	Dec-22	3.84
54	Proposed Fogbile 11KV feeder line 2	150	Oshodi	1.9	Dec-22	
55	Proposed Fogbile 11KV feeder line 1	150	Oshodi	0.4	Dec-22	
56	Proposed Fogbile 11KV feeder line 2	150	Oshodi	0.5	Dec-22	
57	Proposed Bolorunpelu 11KV feeder line 1	150	Oshodi	2.2	Dec-22	2.4
58	Proposed Bolorunpelu 11KV feeder line 2	150	Oshodi	1.8	Dec-22	
59	Proposed Bolorunpelu 11KV feeder line 1	150	Oshodi	4	Dec-22	
60	Proposed Bolorunpelu 11KV feeder line 2	150	Oshodi	4	Dec-22	

Distribution Network: lines

Project Type: Rehabilitation of 11KV Feeder

#	Project Description	Type of Rehabilitation	Location	Route Length (km)	Project Completion Date (MM - YY)
1	11-IjuINJ-T2-Agboda 1	Rehabilitation	Iju	10.287484	Dec-22
2	11-IjuINJ-T2-Ishaga	Rehabilitation	Iju	7.095236	Dec-22
3	11-Ijaiye OjokoroINJ-T1-Abeokuta Express	Rehabilitation	Ijaiye	12.133540	Dec-22
4	11-AgegeINJ-T3-Pen Cinema	Rehabilitation	Dopemu	13.163900	Dec-22
5	11-AgegeINJ-T2-Orile Agege	Rehabilitation	Orile Agege	11.992350	Dec-22
6	11-AdaranjoiINJ-T1-Arignonla	Rehabilitation	Orile Agege	6.976260	Dec-22
7	11-AgegeINJ-T3-Tabon Tabon	Rehabilitation	Orile Agege	15.114580	Dec-22
8	11-AbesanINJ-T2-Abesan	Rehabilitation	Gowon	8.016004	Dec-22
9	11-AbesanINJ-T2-Shagari	Rehabilitation	Gowon	5.379024	Dec-22
10	11-AdaranjoiINJ-T1-NYSC	Rehabilitation	Dopemu	6.111044	Dec-22
11	11-AlimoshoINJ-T4-Akowonjo	Rehabilitation	Abule Odu	6.809292	Dec-22



12	11-AgegeI/NJ-T2-Power Line	Rehabilitation	Orile Agege	7.401144	Dec-22
13	11-Adeniyi JonesI/NJ-T1-Ayoo	Rehabilitation	Anifowoshe	4.501179	Dec-22
14	11-OdogunyanI/NJ-T1-Industrial	Rehabilitation	PTC	9.637912	Dec-22
15	11-Saboi/NJ-T1-Lagos Road	Rehabilitation	Odogunyan	5.021051	Dec-22
16	11-Saboi/NJ-T1-Mary Hill	Rehabilitation	Ayngburen	7.355754	Dec-22
17	11-OdogunyanI/NJ-T2-Cantoment	Rehabilitation	Ayngburen	11.329550	Dec-22
18	11-Agodo EgbelI/NJ-T1-Abonishe	Rehabilitation	Epe	12.350660	Dec-22
19	11-BokorunpeluI/NJ-T3-Liosu	Rehabilitation	Ikotun	10.005070	Dec-22
20	11-MadolukuI/NJ-T1-Saubana	Rehabilitation	Idimu	5.834825	Dec-22
21	11-ItraiI/NJ-T1-Ademulegun	Rehabilitation	Ayoo	7.058850	Dec-22
22	11-Ago OkolaiI/NJ-T2-Lake View	Rehabilitation	Okota	5.429129	Dec-22
23	11-Oke AfaiI/NJ-T3-Bungalow	Rehabilitation	Ago	5.967972	Dec-22
24	11-IgbobaiI/NJ-T1-Military	Rehabilitation	Igbobi	7.824610	Dec-22
25	11-AkakaiI/NJ-T3-Community	Rehabilitation	Igbobi	7.032516	Dec-22
26	11-New YabaiI/NJ-T2-Ijibowu	Rehabilitation	Igbobi	4.361873	Dec-22
27	11-OguduiI/NJ-T3-Bologun	Rehabilitation	Oworo	16.930000	Dec-22
28	11-IgbabaiI/NJ-T3-Railway	Rehabilitation	Olareju	6.010205	Dec-22
29	11-IgbabaiI/NJ-T3-Ikorodu	Rehabilitation	Ilupeju	4.065609	Dec-22
30	11-AlaperaiI/NJ-T1-Agboyi	Rehabilitation	Ketu	7.100706	Dec-22
31	11-OworaluI/NJ-T3-Barijo	Rehabilitation	Barijo	5.504075	Dec-22
32	11-MagodoI/NJ-T1-Owulade	Rehabilitation	Magodo	3.140649	Dec-22
33	11-OguduiI/NJ-T1-Express	Rehabilitation	ogudu	3.244072	Dec-22
34	11-MagodoI/NJ-T1-Emmanuel Keshi	Rehabilitation	Magodo	6.208437	Dec-22
35	11-ItraiI/NJ-T1-Okota	Rehabilitation	Okota	5.968059	Dec-22
36	11-OworaluI/NJ-T1-Anhony	Rehabilitation	Oworo	8.446245	Dec-22
37	11-ItraiI/NJ-T2-Canal	Rehabilitation	Ago	8.247301	Dec-22
38	11-OguduiI/NJ-T2-Express	Rehabilitation	Oba Akron	8.325893	Dec-22
39	11-PTC/NJ-T3-General Hospital	Rehabilitation	PTC	7.560688	Dec-22
40	11-MarylandI/NJ-T1-PTC	Rehabilitation	PTC	6.534585	Dec-22
41	11-SecretarialI/NJ-T2-Agidingbi	Rehabilitation	Anifowoshe	2.349012	Dec-22
42	11-IllapoiI/NJ-T1-Illapo	Rehabilitation	AIT	2.648072	Dec-22
43	11-OguduiI/NJ-T2-Alapere	Rehabilitation	Ogudu	12.656880	Dec-22

44	11-BolorunpeluNj-T3-Governor	Rehabilitation	Idimu	9.790115	Dec-22
45	11-OgudufNj-T1-Ogudu	Rehabilitation	Ogudu	7.447289	Dec-22
46	11-OdogunyanNj-T1-Agodo	Rehabilitation	Lasunwon	12.715200	Dec-22
47	11-Oke IralNj-T1-Oke Ira	Rehabilitation	Oke Ira	7.732636	Dec-22
48	11-Ago OkofaiNj-T1-Amuwo Ind.	Rehabilitation	Amuwo	20.129810	Dec-22
49	11-MogodoNj-T1-Bahiru Shitu	Rehabilitation	Mogodo		Dec-22

Distribution Network: lines

Project Type: Construction and Rehabilitation of 0.400KV Feeder

#	Project Description	Type of Project	Location	Route Length (km)	Project Completion Date (MM - YY)
1	Rehabilitation of LT feeders in ADIYAN	Rehabilitation	ADIYAN	20	Jan-23
2	Rehabilitation of LT feeders in AKUTE	Rehabilitation	AKUTE	11	Jan-23
3	Rehabilitation of LT feeders in FAGBA	Rehabilitation	FAGBA	2	Jan-23
4	Rehabilitation of LT feeders in UAIYE	Rehabilitation	UAIYE	5	Jan-23
5	Rehabilitation of LT feeders in UJU	Rehabilitation	UJU	4	Jan-23
6	Rehabilitation of LT feeders in LAMBE	Rehabilitation	LAMBE	5	Jan-23
7	Rehabilitation of LT feeders in A.I.T.	Rehabilitation	A.I.T.	2	Jan-23
8	Rehabilitation of LT feeders in ABORU	Rehabilitation	ABORU	1	Jan-23
9	Rehabilitation of LT feeders in ABULE ODU	Rehabilitation	ABULE ODU	2	Jan-23
10	Rehabilitation of LT feeders in ABULE TAYLOR	Rehabilitation	ABULE TAYLOR	2	Jan-23
11	Rehabilitation of LT feeders in AYOBO	Rehabilitation	AYOBO	6	Jan-23
12	Rehabilitation of LT feeders in DOPEMU	Rehabilitation	DOPEMU	1	Jan-23
13	Rehabilitation of LT feeders in EGBEDA	Rehabilitation	EGBEDA	1	Jan-23
14	Rehabilitation of LT feeders in GOWON	Rehabilitation	GOWON	1	Jan-23
15	Rehabilitation of LT feeders in IPAJA	Rehabilitation	IPAJA	5	Jan-23
16	Rehabilitation of LT feeders in OKE ODO	Rehabilitation	OKE ODO	1	Jan-23
17	Rehabilitation of LT feeders in ORILE AGEGE	Rehabilitation	ORILE AGEGE	0	Jan-23
18	Rehabilitation of LT feeders in ANIFOWOSHE	Rehabilitation	ANIFOWOSHE	1	Jan-23
19	Rehabilitation of LT feeders in IFAKO	Rehabilitation	IFAKO	1	Jan-23
20	Rehabilitation of LT feeders in OBA AKRAN	Rehabilitation	OBA AKRAN	1	Jan-23

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21	Rehabilitation of LT feeders in OGBA	Rehabilitation	OGBA	1	Jan-23
22	Rehabilitation of LT feeders in OIODU	Rehabilitation	OIODU	2	Jan-23
23	Rehabilitation of LT feeders in OKEIRA	Rehabilitation	OKEIRA	1	Jan-23
24	Rehabilitation of LT feeders in OREGUN	Rehabilitation	OREGUN	1	Jan-23
25	Rehabilitation of LT feeders in PTC	Rehabilitation	PTC	2	Jan-23
26	Rehabilitation of LT feeders in AVANGBUREN	Rehabilitation	AVANGBUREN	8	Jan-23
27	Rehabilitation of LT feeders in EPE	Rehabilitation	EPE	5	Jan-23
28	Rehabilitation of LT feeders in IGBOGBO	Rehabilitation	IGBOGBO	66	Jan-23
29	Rehabilitation of LT feeders in IJEDE	Rehabilitation	IJEDE	0	Jan-23
30	Rehabilitation of LT feeders in LASUNWON	Rehabilitation	LASUNWON	11	Jan-23
31	Rehabilitation of LT feeders in ODOGUNYAN	Rehabilitation	ODOGUNYAN	5	Jan-23
32	Rehabilitation of LT feeders in OWUTU	Rehabilitation	OWUTU	27	Jan-23
33	Rehabilitation of LT feeders in AGO	Rehabilitation	AGO	1	Jan-23
34	Rehabilitation of LT feeders in AJAO	Rehabilitation	AJAO	1	Jan-23
35	Rehabilitation of LT feeders in AMUWO	Rehabilitation	AMUWO	1	Jan-23
36	Rehabilitation of LT feeders in IDIMU	Rehabilitation	IDIMU	3	Jan-23
37	Rehabilitation of LT feeders in IGANDO	Rehabilitation	IGANDO	9	Jan-23
38	Rehabilitation of LT feeders in IJEGUN	Rehabilitation	IJEGUN	6	Jan-23
39	Rehabilitation of LT feeders in IKOTUN	Rehabilitation	IKOTUN	3	Jan-23
40	Rehabilitation of LT feeders in ISOLO	Rehabilitation	ISOLO	1	Jan-23
41	Rehabilitation of LT feeders in OKE AFA	Rehabilitation	OKE AFA	2	Jan-23
42	Rehabilitation of LT feeders in OKOTA	Rehabilitation	OKOTA	0	Jan-23
43	Rehabilitation of LT feeders in OSHODI	Rehabilitation	OSHODI	1	Jan-23
44	Rehabilitation of LT feeders in BARIKA	Rehabilitation	BARIKA	3	Jan-23
45	Rehabilitation of LT feeders in IGBOBI	Rehabilitation	IGBOBI	4	Jan-23
46	Rehabilitation of LT feeders in IKOSI	Rehabilitation	IKOSI	1	Jan-23
47	Rehabilitation of LT feeders in ILUPEJU	Rehabilitation	ILUPEJU	3	Jan-23
48	Rehabilitation of LT feeders in KETU	Rehabilitation	KETU	1	Jan-23
49	Rehabilitation of LT feeders in MAGODO	Rehabilitation	MAGODO	1	Jan-23
50	Rehabilitation of LT feeders in MENDE	Rehabilitation	MENDE	1	Jan-23
51	Rehabilitation of LT feeders in OGUDU	Rehabilitation	OGUDU	0	Jan-23
52	Rehabilitation of LT feeders in OLATEJU	Rehabilitation	OLATEJU	2	Jan-23

53	Rehabilitation of LT feeders in OLOWORA	Rehabilitation	OLOWORA	1	Jan-23
54	Rehabilitation of LT feeders in OWORO	Rehabilitation	OWORO	6	Jan-23

Distribution Network: stations

Project Type: New Construction, Reinforcement and Standardisation of Distribution Sub-station

#	Name of Substation	Transformation Voltage (kV)	Rating - kVA	Type of work (New Construction or Replacement)	Location	Quantity	Project Completion Date (MM - YY)
1	Relief of 1no. Band C and D Overloaded DTs in Abule Egba BU	33/0.415	500	New Construction	ABULE EGBA	1	Nov-22
2	Relief of 3no. Band A and B Overloaded DTs in Abule Egba BU	11/0.415	500	New Construction	ABULE EGBA	3	Nov-22
3	Relief of 2no. Band C and D Overloaded DTs in Abule Egba BU	11/0.415	300	Replacement	ABULE EGBA	2	Nov-22
4	Relief of 1no. Band C and D Overloaded DTs in Abule Egba BU	11/0.415	315	Replacement	ABULE EGBA	1	Nov-22
5	Relief of 40no. Band C and D Overloaded DTs in Abule Egba BU	11/0.415	500	New Construction	ABULE EGBA	40	Nov-22
6	Relief of 1no. Band C and D Overloaded DTs in Abule Egba BU	11/0.415	750	New Construction	ABULE EGBA	1	Nov-22
7	Relief of 15No. Band C and D Overloaded DTs in Ikorodu BU	33/0.415	500	New Construction	IKORODU	15	Nov-22
8	Relief of 1No. Band C and D Overloaded DTs in Ikorodu BU	11/0.415	200	Replacement	IKORODU	1	Nov-22
9	Relief of 1No. Band C and D Overloaded DTs in Ikorodu BU	11/0.415	300	Replacement	IKORODU	1	Nov-22



10	Relief of 11No. Band C and D Overloaded DTs in Ikorodu BU	11/0.415	500	New Construction	IKORODU	11	Nov-22
11	Relief of 4no. Band A and B Overloaded DTs in Oshodi BU	11/0.415	500	New Construction	OSHODI	4	Nov-22
12	Relief of 100no. Band C and D Overloaded DTs in Oshodi BU	11/0.415	500	New Construction	OSHODI	100	Nov-22
13	Relief of 1no. overloaded DTs in Akowonjo BU - Band A and B	33/0.415	300	Replacement	AKOWONJO	1	Nov-22
14	Relief of 6no. overloaded DTs in Akowonjo BU - Band A and B	33/0.415	500	New Construction	AKOWONJO	6	Nov-22
15	Relief of 2no. overloaded DTs in Akowonjo BU - Band A and B	11/0.415	50	Replacement	AKOWONJO	2	Nov-22
16	Relief of 1no. overloaded DTs in Akowonjo BU - Band A and B	11/0.415	300	Replacement	AKOWONJO	1	Nov-22
17	Relief of 2no. overloaded DTs in Akowonjo BU - Band A and B	11/0.415	500	New Construction	AKOWONJO	2	Nov-22
18	Relief of 20no. overloaded DTs in Akowonjo BU - Band C and D	11/0.415	25	Replacement	AKOWONJO	20	Nov-22
19	Relief of 12no. overloaded DTs in Akowonjo BU - Band C and D	11/0.415	50	Replacement	AKOWONJO	12	Nov-22
20	Relief of 13no. overloaded DTs in Akowonjo BU - Band C and D	11/0.415	300	Replacement	AKOWONJO	13	Nov-22
21	Relief of 53no. overloaded DTs in Akowonjo BU - Band C and D	11/0.415	500	New Construction	AKOWONJO	53	Nov-22
22	Provision for 200 Distribution Transformers to address newly overloaded Transformers and existing Transformer failures.	11/0.415	500	Replacement	Across the Network	200	Nov-22
23	Transformers on Pliath Batch A	11/0.415	500	New Construction	Across the Network	109	Dec-22

Network: Injection Substations (33/11kV)

Project Type: Construction, Reinforcement and Standardisation of Injection Sub-station

#	Name of Substation	Location	Number of Units	Type of work	Rating - MVA	Project Completion Date (MM - YY)	Expected Impact
1	PROPOSED ADDITIONAL 1 X 15MVA TRANSFORMER AT ABULE IROKO ISS	Abule Egba	1	Additional power transformer	15	Dec-22	3.84
2	PROPOSED ADDITIONAL 1 X 15MVA TRANSFORMER AT ABULE IROKO ISS(Gantry and Switch Yard)	Abule Egba	1	Additional power transformer		Dec-22	4.84
2	PROPOSED Olurodo 1 X 15MVA ISS	Ikorodu	1	Additional power transformer	15	Dec-22	1.84
3	PROPOSED Olurodo 1 X 15MVA ISS (Gantry and Switch Yard)	Ikorodu	1	Additional power transformer		Dec-22	1.84
4	PROPOSED Olurodo 1 X 15MVA ISS (land processing and ISS control room building)	Ikorodu	1	Additional power transformer		Dec-22	2.84
5	Proposed Installation of OLUODO 1x15MVA Injection Substation at Olurodo Estate(power transformer)	Ikorodu	1	Additional power transformer	15	Dec-22	3.84
6	PROPOSED ADIYAN GAS LINE 1 X 15MVA ISS	IKORODU	1	New Construction	15	Dec-22	3.84
7	PROPOSED ADIYAN GAS LINE 1 X 15MVA ISS (Gantry and Switch Yard)	IKORODU	1	New Construction		Dec-22	3.84
8	PROPOSED ADIYAN GAS LINE 1 X 15MVA ISS (land processing and ISS control room building)	IKORODU	1	New Construction		Dec-22	3.84
9	PROPOSED Igbo Olomu 1 X 15MVA ISS	IKORODU	1	New Construction	15	Dec-22	3.84
10	PROPOSED Igbo Olomu 1 X 15MVA ISS (Gantry and Switch Yard)	IKORODU	1	New Construction		Dec-22	3.84
11	PROPOSED Igbo Olomu 1 X 15MVA ISS (land processing and ISS control room building)	IKORODU	1	New Construction		Dec-22	3.84

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12	Upgrade of Ifioye-Ojo-koro 1 X 15MVA to 2 X 15MVA.	Abule Egba	1	Additional power transformer	15	Dec-22	3.84
13	Proposed additional 1 x 15MVA at Odogunyan 2 x 15MVA ISS	Ikorodu	1	Additional power transformer	15	Dec-22	3.84
14	Proposed additional 1 x 15MVA at Odogunyan 2 x 15MVA ISS (Gantry and Switch Yard)	Ikorodu	1	Additional power transformer		Dec-22	3.84
15	Upgrade of Abesan 2 X 15MVA to 3 X 15MVA.	Akwoonjo	1	Additional power transformer	15	Dec-22	3.84
16	Upgrade of Abesan 2 X 15MVA to 3 X 15MVA. (Gantry and Switch Yard)	Akwoonjo	1	Additional power transformer		Dec-22	3.84
17	Upgrade Alopere 1x15MVA to 2x15MVA	Shomolu	1	Additional power transformer	15	Dec-22	3.84
18	Upgrade Alopere 1x15MVA to 2x15MVA Gantry and Switch Yard)	Shomolu	1	Additional power transformer		Dec-22	3.84
19	Prop. Additional 1x15MVA 33/11kV Transformer at New Oworo ISS	Shomolu	1	Additional power transformer	15	Dec-22	3.84
20	Prop. Additional 1x15MVA 33/11kV Transformer at New Oworo ISS(Gantry and Switch Yard)	Shomolu	1	Additional power transformer		Dec-22	3.84
21	Proposed Odoeran 1x15MVA	Oshodi	1	New Construction	15	Dec-22	3.84
22	Proposed Odoeran 1x15MVA (Gantry and Switch Yard)	Oshodi	1	New Construction		Dec-22	3.84
23	Proposed Odoeran 1x15MVA (land processing and ISS control room building)	Oshodi	1	New Construction		Dec-22	3.84
24	Propose upgrading of Bolorunpelu 2x15MVA ISS to 3x15MVA ISS	Oshodi	1	New Construction	15	Dec-22	2.40
25	Propose upgrading of Bolorunpelu 2x15MVA ISS to 3x15MVA ISS (Gantry and Switch Yard)	Oshodi	1	New Construction	15	Dec-22	2.40
26	Aderiyi Jones Substation	Ikeja	1	Replacement of failed transformer	15	Jul-22	
27	Lambe Substation	Abule Egba	1	Replacement of failed transformer	15	Jul-22	

28	Maryland Substation	Shomolu	1	Replacement of failed transformer	15	Jul-22	
29	Ogba Substation	Ikeja	1	Replacement of failed transformer	15	Jul-22	
30	PROPOSED ADDITIONAL 1 X 15MVA TRANSFORMER AT ABULE IROKO ISS	Abule Egba	1	Additional power transformer	15	Dec-22	3.84
31	Upgrade of Ekoro 1 X 15MVA to 2 X 15MVA.	Abule Egba	1	Additional power transformer	15	Dec-22	3.84
32	Upgrade of Ekoro 1 X 15MVA ISS (Gantry and Switch Yard)	Abule Egba	1	Additional power transformer		Dec-22	3.84
33	Upgrade of Shasha 1 X 15MVA to 2 X 15MVA.	Akwoyio	1	Additional power transformer	15	Dec-22	3.84
34	Upgrade of Shasha 1 X 15MVA to 2 X 15MVA.(Gantry and Switch Yard)	Akwoyio	1	Additional power transformer		Dec-22	3.84
35	Proposed Upgrade of Owutu 2x15MVA to 3x15MVA 33/11kV ISS	Ikorodu	1	Additional power transformer	15	Dec-22	3.84
36	Proposed Upgrade of Owutu 2x15MVA to 3x15MVA 33/11kV ISS(Gantry and Switch Yard)	Ikorodu	1	Additional power transformer		Dec-22	3.84
37	Upgrade of Ipakodo 1x15MVA to 2x15MVA	Ikorodu	1	Additional power transformer	15	Dec-22	3.84
38	Upgrade of Ipakodo 1x15MVA to 2x15MVA(Gantry and Switch Yard)	Ikorodu	1	Additional power transformer		Dec-22	3.84
39	Proposed Okunola 1x15MVA		1	New Construction	15	Dec-22	3.84
40	Proposed Okunola 1x15MVA (Gantry and Switch Yard)	Akwoyio	1	New Construction		Dec-22	3.84
41	Proposed Okunola 1x15MVA (land processing and ISS control room building)	Akwoyio	1	New Construction		Dec-22	3.84
42	Proposed Baruwa 1x15MVA	Akwoyio	1	New Construction	15	Dec-22	3.84
43	Proposed Baruwa 1x15MVA (Gantry and Switch Yard)	Akwoyio	1	New Construction		Dec-22	3.84
44	Proposed Baruwa 1x15MVA (land processing and ISS control room building)	Akwoyio	1	New Construction		Dec-22	3.84
45	Proposed Fogble 1x15MVA	Oshodi	1	New Construction	15	Dec-22	3.84



46	Proposed Fogblie 1x1 5MVA (Gantry and Switch Yard)	Oshodi	1	New Construction		Dec-22	3.84
47	Proposed Fogblie 1x1 5MVA (land processing and ISS control room building)	Oshodi	1	New Construction		Dec-22	3.84
48	Prop. Dangote 33kV Dedicated Feeder ex- Ogba TS - Bay	Ikeja	1	New Construction		Dec-22	3.00
49	Ogba Substation	Ikeja	1	Replacement of failed transformer		Dec-22	
50	PTC Substation	Ikeja	1	Replacement of failed transformer		Dec-22	
51	Yusuf Substation	Abulegba	1	Replacement of failed transformer		Dec-22	
52	New Gowon Substation	Akowonjo	1	Replacement of failed transformer		Dec-22	
53	Provision of additional Power Transformer		1	Replacement of failed transformer		Jan-23	
54	Power Transformer Reconditioning	Across the network	8	Reconditioning of power transformer		Jan-23	

Network: Standardisation of Existing Injection Substations (33/11kV)

Project Type: Replacement of Switch Gears, Control Panel and Protection Equipment

#	Name of Substation	Description	Location	Quantity	Project Completion Date (MM - YY)
1		Installing NARI relays to protect broken conductors on 50 feeders.		50	Jan-23
2	Replacement of obsolete Transformer Control Panels at Various Injection Substations	Installation of 11kv panel and transformer control panel		14	Jan-23

3	Replacement of panels in 20 Injection Substations	11kv Incomer Circuit breaker	Across the network	24	Dec-22	
4	Replacement of panels in 20 Injection Substations	11kv Bus Coupler breaker	Across the network	10	Dec-22	
5	Replacement of panels in 20 Injection Substations	11KV outgoing circuit breaker	Across the network	73	Dec-22	
6	Installation of protective equipment of top 20% substations (D-fuse, Gang Isolators, Lighting Arresters)	Standardisation	Across the Network		Jan-23	
7	Standardization of top 20% of substations (fencing, DT RTU and feeder pillars) - Batch A	Standardisation	Across the Network		Jan-23	

AT&C Loss Reduction Plan

#	Name	Description	Quantity	Project Completion Date (MM - YY)	Expected Impact (Gwh)
1	11-Ayobol\NJ-T1-Ayobo	Migrate customers to Band B from D	1	Dec-22	0.54
2	11-Alajai\NJ-T1-Kaloba	Migrate customers to Band B from D	1	Dec-22	0.46
3	11-Igbobli\NJ-T3-Mushin	Migrate customers to Band B from D	1	Dec-22	0.57
4	11-Yidi\NJ-T1-Opeilu	Migrate customers to Band B from D	1	Dec-22	0.81
5	11-Owut\NJ-T2-Asolo	Migrate customers to Band B from D	1	Dec-22	0.89
6	11-Igbobgbo\NJ-T1-Ohin	Migrate customers to Band B from D	1	Dec-22	0.62
7	11-Ipakodo (Ebutel)\NJ-T1-Abuja	Migrate customers to Band B from D	1	Dec-22	0.62
8	11-Sobol\NJ-T2-Erunwen	Migrate customers to Band B from D	1	Dec-22	0.76
9	11-Ipakodo (Ebutel)\NJ-T1-WAEC	Migrate customers to Band B from D	1	Dec-22	0.63
10	11-Agegel\NJ-T2-Abule Egbu	Migrate customers to Band B from D	1	Dec-22	0.79
11	11-Ipakodo (Ebutel)\NJ-T1-Ipakodo	Migrate customers to Band B from D	1	Dec-22	0.25
12	11-Sobol\NJ-T1-Ijebu Ode	Migrate customers to Band B from D	1	Dec-22	0.76
13	11-Wasimil\NJ-T2-Wasimi	Migrate customers to Band B from D	1	Dec-22	0.65
14	11-Ekoro\NJ-T1-Oke Odo	Migrate customers to Band B from D	1	Dec-22	0.65



15	11-Odogunyan(NJ-T2-Iko Oluwo	Migrate customers to Band B from D	1	Dec-22	0.75
16	11-Saboi(NJ-T2-Iudaga	Migrate customers to Band B from D	1	Dec-22	0.68
17	11-Wosimil(NJ-T1-Akunimode	Migrate customers to Band B from D	1	Dec-22	0.48
18	11-Wosimil(NJ-T2-Agidi	Migrate customers to Band B from D	1	Dec-22	0.50
19	11-Abesan(NJ-T1-Boruwo	Migrate customers to Band B from D	1	Dec-22	0.58
20	11-Owutun(NJ-T1-Agric	Migrate customers to Band B from D	1	Dec-22	0.51
21	11-Owutun(NJ-T2-Majidun	Migrate customers to Band B from D	1	Dec-22	0.27
22	11-Ayetoral(NJ-T1-Itele	Migrate customers to Band B from D	1	Dec-22	0.63
23	11-Abule Irokol(NJ-T1-Books	Migrate customers to Band B from D	1	Dec-22	0.26
24	11-Igbogbol(NJ-T2-Agbele	Migrate customers to Band B from D	1	Dec-22	0.66
25	11-Iledal(NJ-T1-Gberibe	Migrate customers to Band B from D	1	Dec-22	0.25
26	11-Igbogbol(NJ-T2-Odofin	Migrate customers to Band B from D	1	Dec-22	0.63
27	11-Owutun(NJ-T1-Ori Okuta	Migrate customers to Band B from D	1	Dec-22	0.69
28	11-Ope ilun(NJ-T1-Ijoko	Migrate customers to Band B from D	1	Dec-22	0.64
29	11-Abule Irokol(NJ-T1-Abule Irok	Migrate customers to Band B from D	1	Dec-22	0.60
30	11-Akute INJ-T1-Ishashi	Migrate customers to Band B from D	1	Dec-22	0.42
31	11-Akute INJ-T1-Oyeyemi	Migrate customers to Band B from D	1	Dec-22	0.25
32	11-Ijaiye Ojokoral(NJ-T2-Agbado 2	Migrate customers to Band B from D	1	Dec-22	0.47
33	11-Abule Irokol(NJ-T1-Alakuko	Migrate customers to Band B from D	1	Dec-22	0.52
34	11-Ope ilun(NJ-T1-Adiyon	Migrate customers to Band B from D	1	Dec-22	0.61
35	11-Yusuf(NJ-T2-Akero	Migrate customers to Band B from D	1	Dec-22	0.49
36	11-Ekoral(NJ-T1-Ajoso	Migrate customers to Band B from D	1	Dec-22	0.50
37	11-Saboi(NJ-T2-Igbogbo	Migrate customers to Band B from D	1	Dec-22	0.63
38	11-Ijedal(NJ-T1-Iuwasa	Migrate customers to Band B from D	1	Dec-22	0.06
39	11-Igandol(NJ-T2-Akeson	Migrate customers to Band B from D	1	Dec-22	0.37
40	11-Oke Afo(NJ-T3-Ori Oke	Migrate customers to Band B from D	1	Dec-22	0.67
41	11-Oke Afo(NJ-T1-Ejigbo	Migrate customers to Band B from D	1	Dec-22	0.55
42	11-Wosimil(NJ-T1-Agithi	Migrate customers to Band B from D	1	Dec-22	0.57
43	11-Amuwol(NJ-T1-Old Ojo Road	Migrate customers to Band B from D	1	Dec-22	0.23
44	11-Igandol(NJ-T2-Agric Road	Migrate customers to Band B from D	1	Dec-22	0.46
45	11-Ijegun(NJ-T2-Ijegun	Migrate customers to Band B from D	1	Dec-22	0.60
46	11-Ijegun(NJ-T2-Ishen Oshun	Migrate customers to Band B from D	1	Dec-22	0.55

47	11-IjegunIj-T1-Okenbe	Migrate customers to Band B from D	1	Dec-22	0.16
48	11-IjegunIj-T1-Obalogbe	Migrate customers to Band B from D	1	Dec-22	0.57
49	11-Ope IliIj-T1-Aboro	Migrate customers to Band B from D	1	Dec-22	0.47
50	11-ShoshaiIj-T1-Foursquare	Migrate customers to Band B from D	1	Dec-22	0.51
51	11-ShoshaiIj-T1-Ogunlade	Migrate customers to Band B from D	1	Dec-22	0.37
52	11-New GownaiIj-T1-Kuwoil	Migrate customers to Band B from D	1	Dec-22	0.24
53	11-AbesanIj-T1-Aboru	Migrate customers to Band B from D	1	Dec-22	0.53
54	11-ShoshaiIj-T1-Orsunbare	Migrate customers to Band B from D	1	Dec-22	0.54
55	11-EkoroiIj-T2-Olota	Migrate customers to Band B from D	1	Dec-22	0.46
56	11-YusufIj-T2-Agbefa	Migrate customers to Band B from D	1	Dec-22	0.43
57	11-EkoroiIj-T2-Agbele	Migrate customers to Band B from D	1	Dec-22	0.55
58	11-AmikanleIj-T1-Aiyebi	Migrate customers to Band B from D	1	Dec-22	0.59
59	11-Abule TaylorIj-T1-Bode Williams	Migrate customers to Band B from D	1	Dec-22	0.70
60	11-AlimoshaiIj-T6-Shasha	Migrate customers to Band B from D	1	Dec-22	0.67
61	11-Abule TaylorIj-T1-Wahler Anderm	Migrate customers to Band B from D	1	Dec-22	0.37
62	11-OwutaiIj-T2-Isowo	Migrate customers to Band B from D	1	Dec-22	0.77
63	11-Ago OkotaiIj-T2-Oke Ogbera	Migrate customers to Band B from D	1	Dec-22	0.59
64	11-IgandoiIj-T1-Egon	Migrate customers to Band B from D	1	Dec-22	0.49
65	11-IgandoiIj-T1-Obodore	Migrate customers to Band B from D	1	Dec-22	0.46
66	11-IgandoiIj-T2-General Hospital	Migrate customers to Band B from D	1	Dec-22	0.61
67	11-IjegunIj-T1-Ikolun	Migrate customers to Band B from D	1	Dec-22	0.71
68	11-Oke AfaiIj-T3-NNPC	Migrate customers to Band B from D	1	Dec-22	0.62
69	11-BolorunpelaiIj-T1-Idimu	Migrate customers to Band B from D	1	Dec-22	0.61
70	11-MushinIj-T1-Mushin	Migrate customers to Band B from D	1	Dec-22	0.53
71	11-EkoroiIj-T2-Ekoro	Migrate customers to Band B from D	1	Dec-22	0.65
72	11-IjegunIj-T2-Pipeline	Migrate customers to Band B from D	1	Dec-22	0.54
73	33-Oke ArotCN-AKUTE	Migrate customers to Band B from D	1	Dec-22	2.23
74	11-EpelIj-T1-Water Works	Migrate customers to Band B from E	1	Dec-22	0.40
75	11-EpelIj-T1-Township	Migrate customers to Band B from E	1	Dec-22	0.43
76	11-EpelIj-T1-LASU	Migrate customers to Band B from E	1	Dec-22	0.40



IT Investments (SCADA)			
#	Name	Description	Project Completion Date (MM - YY)
1	SCADA Phase 1	Readiness feasibility study of IE distribution network	Mar-22
2	Geographic Network Monitoring System	Phased deployment of GNMS on Gold Feeders - Phase 4	Nov-22
3	Geographic Network Monitoring System	Phased deployment of GNMS on Silver and Bronze Feeders - Phase 5	Dec-22

Customer Service Improvement Plan				
#	Name	Description	Quantity	Project Completion Date (MM - YY)
1	Fault Passage Indicators (FPI)	Deployment of FPIs on 20 Identified feeders across the network	2130	Jun-22

Other Service Improvement Plan					
#	Name	Description	Other	Project Completion Date (MM - YY)	Expected Impact in MW
1	Prop. Dangote 33kV Dedicated Feeder ex- Ogba TS - Bay	New Construction - Bay		Dec-22	3.00
2	PROPOSED MOJODA 33KV FEEDER EX- JEBU-ODE TS (Bay)	New Construction - Bay		Nov-22	4.80

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