

ORDER/NERC/2024/104

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BEFORE THE NIGERIAN ELECTRICITY REGULATORY COMMISSION IN THE MATTER OF AUGUST 2024 SUPPLEMENTARY ORDER TO THE MULTI-YEAR TARIFF ORDER 2024 FOR JOS ELECTRICITY DISTRIBUTION PLC

TITLE

 This regulatory instrument shall be cited as August 2024 Supplementary Order to the Multi-Year Tariff Order – 2024 ("August 2024 Supplementary Order") for Jos Electricity Distribution Plc ("JED").

COMMENCEMENT AND TERMINATION

2. This Supplementary Order shall take effect from 1st August 2024 and it shall cease to be effective on the issuance of a new tariff review Order for JED by the Nigerian Electricity Regulatory Commission ("NERC" or the "Commission").

CONTEXT

- 3. Pursuant to the Tariff Review Application by JED, the Commission approved MYTO– 2024 effective from 1st January 2024. The Order among others;
 - Restated JED's Performance Improvement Plan ("PIP") and approved a revised 5-year CAPEX provision to finance planned CAPEX projects. The Order further applied regulatory adjustments to the verified historical investments of JED;
 - Approved a reset of the baseline ATC&C loss level to a new target considered to be fair and reasonable given current operating conditions and comparable benchmarks within and outside the Nigerian Electricity Supply Industry ("NESI");
 - c. Revised relevant assumptions for the forecast of revenue requirements and applicable tariffs for the period 2024 2027;

OBJECTIVE

4. Further to Section 23 of the MYTO-2024, this Supplementary Order seeks to reflect the changes in the pass-through indices outside the control of licensees including inflation rates, N/US\$ exchange rate, available generation capacity and gas price for the determination of Cost-Reflective Tariffs ("CRT").

BASIS FOR THE REVIEW

5. Minor Review Indices

The underlisted indices with potential impact on electricity rates were considered to determine JED's revised revenue requirements and associated tariffs:

- a. Exchange Rate: The Naira to the US Dollar exchange rate of \$\$1,564.28/US\$1 has been adopted for August December 2024; this has been determined by adding a 1% transaction cost to the average foreign exchange rate of \$\$1,548.80 during the period of 1st 26th July 2024 as obtained from the website of the Central Bank of Nigeria ("CBN") in line with the MYTO methodology.
- b. Nigerian Inflation Rate: The Nigerian inflation rate of 34.19% for June 2024 as published by the National Bureau of Statistics ("NBS") is applied to revise the Nigerian inflation rate projection for 2024.
- c. US Inflation Rate: Based on the data published by the United States Bureau of Labor Statistics (<u>http://www.bls.gov</u>), the US inflation rate of 3.00% for June 2024 is applied to revise the US Inflation rate projection for 2024.
- d. Available Generation Capacity: Considering the periodic reports from the System Operator, the review maintains the January 2024 projection of an average offtake of 225MWh/h by JED in 2024.
- e. Wholesale Gas to Power Prices:
 - i. The review maintains the benchmark gas-to-power price of US\$2.42/MMBTU based on the established benchmark price of gasto-power by the Nigerian Midstream and Downstream Petroleum Regulatory Authority ("NMDPRA") in line with Section 167 of the Petroleum Industry Act ("PIA") 2021
 - Contracted gas supply and transportation prices outside Domestic Gas Delivery Obligation quantities and based on effective Gas Sale Agreements ("GSAs") approved by the Commission.
 - iii. Benchmark Gas Transportation tariff of US\$0.80/MMBTU.

6. Summary of Tariff Assumptions and Results

Table 1 below summarises the tariff review indices adopted in this Order.

Table – 1: Key Taritt Re Parameter	Unit	June	July	August 2024
	%	2024 32.72%	2024 32.72%	32.72%
Loss Target	/0	52.12/0	JZ.7 Z /0	02.7 2 /0
Nigerian Inflation	%	33.7%	34.0%	34.2%
US Inflation	%	3.4%	3.3%	3.0%
Exchange Rate	₩/\$	1469.1	1494.1	1564.3
Gas Supply and Transportation Cost	\$/MMBTU	3.22	3.22	3.22
Transmission Loss Factor	%	7.00%	7.00%	7.00%
Energy Delivered to DisCo	GWh	1,972	1,972	1,972
Energy Delivered to DisCo	MWh/h	225	225	225
Generation Cost	₩/kWh	104.4	106.2	111.1
Transmission & Admin Cost	₩/kWh	9.9	10.0	10.3
End-User Cost Reflective Tariffs	₩/kWh	207.2	210.1	218.2
End-User Allowed Tariffs	₩/kWh	99.0	99.8	99.8
Monthly Tariff Shortfall (Subsidy)	₩'Million	11,968	12,200	13,090

Table - 1: Key Tariff Review Indices/Assumptions for JED

7. Approved End-User Tariffs Effective from 1st August 2024

Pursuant to Section 116 of the EA and extant regulations, the Commission has considered and approved for JED, the tariffs in Table 2 below effective 1st August 2024. The approved tariffs shall remain in force subject to monthly adjustments of pass-through indices including inflation rates, NGN/US\$ exchange rates and gas-topower prices.

In line with the policy direction of the FGN on electricity subsidy, the allowed tariffs for Bands B – E customer categories shall remain frozen at the rates payable since December 2022 subject to further policy direction by the Government. With this policy, the estimated subsidy benefit for customers under the JED franchise in 2024 is approximately #13.10bn monthly.

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Tariff Class	April 2024	May - June 2024	July - August 2024
Life-line	4.00	4.00	4.00
A - Non-MD	225.00	206.80	209.50
A – MD1	225.00	206.80	209.50
A - MD2	225.00	206.80	209.50
B – Non-MD	63.26	63.26	63.26
B - MD1	68.02	68.02	68.02
B – MD2	71.97	71.97	71.97
C - Non-MD	52.83	52.83	52.83
C – MD1	58.01	58.01	58.01
C – MD2	59.45	59.45	59.45
D – Non-MD	40.12	40.12	40.12
D - MD1	54.24	54.24	54.24
D - MD2	54.24	54.24	54.24
E - Non-MD	39.90	39.90	39.90
E – MD1	52.95	52.95	52.95
E – MD2	54.24	54.24	54.24

Table - 2. Approved Allowed Tariffs (₩/kWh) for JED

8. Service Delivery Commitments

JED shall be held accountable for service deliveries per commitments under its Service Based Tariff proposals that seek to align end-user tariffs in proportion to the service level enjoyed by customer clusters as measured in average hours of supply per day over one month. Details of the service level commitments made by JED to customers in various tariff Bands for **August 2024** are provided in Appendixes 2 – 5.

9. Monitoring and Evaluation of Compliance to Service Commitment

- a. The Commission shall continue to leverage technology to directly obtain data on the hours of supply on each Band A feeder from the head-end system of JED for near real-time monitoring of service.
- b. JED shall maintain a rapid response team to ensure effective service delivery on the committed minimum hours of supply to each service Band commencing with Band A feeders. The team shall continue to ensure timely response to customers' complaints, fault clearing and alignment with TCN regional teams for effective

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load management and optimised dispatch to respective feeders. JED shall maintain the dedicated email and contact numbers of the service rapid response team for each customer cluster/business unit on its website and continue to circulate the same to the customers vide bulk SMS and social media handles.

- c. JED is obligated to publish daily on its website a rolling 7-day average daily hours of supply on each Band A feeder no later than 09:00 am of the next day.
- d. Where JED fails to deliver on the committed level of service on a Band A feeder for consecutive two days, JED shall on the next day by 10.00 am publish on its website an explanation of the reasons for the failure and update the affected customers on the timeline for restoration of service to the committed service level.
- e. Where JED fails to meet the committed service level to a Band A feeder for seven (7) consecutive days, the feeder shall be automatically downgraded to the recorded level of supply pursuant to provisions of Section 6 of Order No. NERC/334/2022 – "Order on Migration of Customers and Compensation for Service Failure under Service-Based Tariff Framework".
- f. JED is mandated to continuously ensure upward migration of customers from the lower service Bands to Band A service level in line with the target on improvement in quality of service as provided in the Order on Key Performance Indicators for JED issued from time to time by the Commission

10. Service Band Performance, Migration/Downgrade and Compensation

Pursuant to the provisions of the Order on Migration of Customers and Compensation for Service Failure under the Service-Based Tariff Framework ("Order on Migration") and the Directive to Electricity Distribution Companies on Band A Feeder Performance Monitoring, Upgrade and Downgrade ("Directive for Operationalization of Band A Feeders"), the Commission, based on the feeder performance report for the 1st - 25th of July 2024, hereby orders as follows:

a. JED has delivered up to 20 hours of average supply from 8th – 21st July 2024 on the feeders listed in Appendix 3. Thus, the JED application to upgrade the feeders to Band A effective from the 1st of August 2024 is hereby approved.

11. Procurement of Embedded Generation

JED is obligated by this Order to procure a minimum of **22MW** capacity of embedded generation, being 10% of its 2024 load allocation, to improve the reliability of supply and sustain delivery of a minimum service level under the SBT. A minimum of **11MW** (i.e., 50%) of the embedded generation capacity must be sourced from renewable energy sources. The required capacity may be procured in bulk or distributed capacities across JED's Franchise area. The capacity to be procured should be ready for dispatch to the JED's network by the 1st of April 2025.

12. JED's Remittance Obligation

The FGN policy on subsidy and electricity tariffs provides for a gradual transition to cost-reflective end-user tariffs with safeguards for the less privileged electricity consumers. Accordingly, the Federal Government has committed to funding the revenue gap arising from the difference between cost-reflective tariffs approved by the Commission and the actual end-user tariffs during the transition to cost-reflective tariffs where applicable. JED shall settle its market invoices under the DisCo Remittance Obligation thresholds as provided in Table 3. All settlements are subject to regulatory net-offs as may be issued from time to time by the Commission.

Head	Sub Head	June 2024 Revision ₩'Million	July 2024 Revision ₦'Million	August 2024 Revision Ħ'Million
	NEMSF	306	306	306
red	Meter Acquisition Fund	131	131	131
inpe	Unadjusted GenCo Invoice	16,105	16,339	17,118
Re	ZHEPP Invoice	1,060	1,114	1,139
กแต	TCN & Admin Services	1,634	1,651	1,698
Revenue Required	DisCo	3,674	3,691	3,729
	Total	22,911	23,232	24,122
	Allowed Recovery	10,943	11,032	11,032
1 1 1	2023 Under Recovery B/F	171	171	
	Tariff Shortfall (Subsidy)	12,138	12,371	13,090
19	NBET Adjusted Invoice to JED	3,967	3,968	4,028
	NEMSF	306	306	306
e	Meter Acquisition Fund	131	131	131
DisCo Remittance Obligation	NBET Remittance Obligation	3,967	3,968	4,028
Co Remitta Obligation	ZHEPP Remittance Obligation	1,060	1,114	1,139
S G	MO Remittance Obligation	1,634	1,651	1,698
Dis	DisCo	3,845	3,861	3,729
	Total Distribution	10,943	11,032	11,032
of most of	DisCo Remittance to NBET	100%	100%	100%
	DisCo Remittance to ZHEPP	100%	100%	100%
	DisCo Remittance to MO	100%	100%	100%

Table – 3: Monthly DisCo Remittance Obligation for JED, 2024



- 13. The waterfall of market revenues during the transitional period shall be in line with the following:
 - a. NBET shall issue energy invoices to JED net of the applicable tariff shortfall approved by the Commission monthly, while MO shall issue the full transmission and administrative services invoices to JED at the applicable tariff.
 - JED shall make full settlement (100%) of the market invoices issued by MO (including Zungeru Power Plant) and NBET as provided in Table 3 above.
 - c. FGN intervention from budgetary appropriation and other sources for funding tariff shortfall shall be applied by NBET to ensure 100% settlement of market invoices as issued by generating companies ("GenCos").
 - d. JED shall be liable to relevant penalties/sanctions for failure to meet the payment obligation in any payment cycle under the terms of its respective contracts with bilateral counterparties including NBET and MO.
 - e. JED shall maintain adequate payment securitisation for energy off-take in line with the earlier directive of the Commission and relevant bilateral contracts.
 - f. JED shall settle its market invoices under the DisCo Remittance Obligation thresholds as provided in Table 3. All settlements are subject to regulatory netoffs as may be issued from time to time by the Commission.
- 14. Effective Date
 - This Supplementary Order shall be effective from 1st August 2024.

Dated this 31st day of July 2024

Chairman

C. Akpeneye Commissioner icensing and Compliance

Service Bands	New Tariff Class	Description
Lifeline	R1	Life-Line customers with energy consumption of not more than 50kWh/month
	A - Non-MD	Customers with single or three-phase connections located within Band-A Service Level Feeders
A (Minimum of	A - MD 1	Customers with LV Maximum Demand connection located within Band–A Service Level Feeders
20hrs/day)	A – MD 2	Customers with MV/HV Maximum Demand (11/33kV) connection located within Band – A Service Level Feeders
	B – Non-MD	Customers with single or three-phase connections located within Band–B Service Level Feeders
B (Minimum of	B – MD 1	Customers with LV Maximum Demand connection located within Band–B Service Level Feeders
16hrs/day)	B – MD 2	Customers with MV/HV Maximum Demand (11/33kV) connection located within Band – B Service Level Feeders
	C – Non-MD	Customers with single or three-phase connections located within Band–C Service Level Feeders
C (Minimum of	C – MD 1	Customers with LV Maximum Demand connection located within Band–C Service Level Feeders
12hrs/day)	C - MD 2	Customers with MV/HV Maximum Demand (11/33kV) connection located within Band – C Service Level Feeders
	D - Non-MD	Customers with single or three-phase connections located within Band–D Service Level Feeders
D (Minimum of	D – MD 1	Customers with LV Maximum Demand connection located within Band-D Service Level Feeders
8hrs/day)	D – MD 2	Customers with MV/HV Maximum Demand (11/33kV) connection located within Band – D Service Level Feeder
	E – Non-MD	Customers with single or three-phase connections located within Band-E Service Level Feeders
E (Minimum of	E – MD 1	Customers with LV Maximum Demand connection located within Band-E Service Level Feeders
4hrs/day)	E – MD 2	Customers with MV/HV Maximum Demand (11/33kV) connection located within Band – E Service Level Feeder
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ppendix – 1: JED's Customer Classifications

		DESCRIPTION OF				K
S/N	FEEDER NAME	FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	8 - 21 JULY AVE PERFORMANCE	CURRENT BAND	REMARK
1	OTUKPO TOWN	OTUKPO TOWN	EGLI AVENUE OTIA G., FREEDOM STREET ZONE H/B	20.92	В	APPROVED FOR BAND A
2	HIGH LEVEL	MAKURDI TOWN	BARRACKS ROAD, INJECTION SS	21.68	В	
3	3 MUDA LAWAL BAUCHI TOWN		DASS ROAD BH/MD1/5, ATBU YELWA CAMPUS	22.93	B	APPROVED FOR BAND A APPROVED FOR BAND A
4	CBN GOMBE	GOMBE TOWN	STATE LOW COST	23.57	В	APPROVED FOR BAND A
5	GOVT. HOUSE MAKURDI	MAKURDI TOWN	BARRACKS ROAD, INJECTION SS	20.89	c	APPROVED FOR BAND A
6	FED. LOW-COST BAUCHI	BAUCHI TOWN	DASS ROAD BH/MD1/5, ATBU YELWA CAMPUS	21.79	В	APPROVED FOR BAND A
7	NVRI	JOS TOWN	DUTSE UKU, OLD JUTH, GARIYAWAYE STREET	21.49	В	
8	WATER WORKS GOMBE	GOMBE TOWN	STATE LOW COST	22.07	B	APPROVED FOR BAND A APPROVED FOR BAND A
9	WURUKUM	MAKURDI TOWN	BARRACKS ROAD, INJECTION SS	22.21	D	
10	YUGUDA FARM	BAUCHI DASS ROAD	DABO FARM, DASS ROAD	23.00	B	APPROVED FOR BAND A APPROVED FOR BAND A
11	ZARIA ROAD	JOS TOWN	DUTSE UKU, OLD JUTH, GARIYAWAYE STREET	23.86	В	APPROVED FOR BAND A

Appendix 2: JEDC Approved Feeders for Upgrade Based on Improved Service Level Performance

Appendix 3: JEDC's Service Level Commitment for August 2024

S/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY
1	A	ANGLO JOS	JOS TOWN	DUTSE UKU, OLD JUTH, GARIYAWAYE STREET	DURATION (HRS)
2	A	ASHAKA I	ASHAKA/FUNAKAYE		20
3	A	ASHAKA II	ASHAKA/FUNAKAYE	ASHAKA	20
4	A	ATBU	BAUCHI TOWN	ASHAKA CEMENT	20
5	A	AZARE	AZARE TOWN	DASS ROAD BH/MD1/5, ATBU YELWA CAMPUS	20
6	A	BARRACKS ROAD	MAKURDI TOWN	JAMAARE ROAD, FEDERAL LOW COST, FED MEDICAL CENTER	20
7	A	BAUCHI RING ROAD		BARRACKS ROAD, INJECTION SS	20
8		BUKURU	JOS TOWN	UNGUWAN RUKUBA, BAUCHI RING ROAD, TINA JUNCTION	20
9	A		BUKURU JOS	BEH JOSSY, RAYFIELD ROAD	20
	A	BUKURU TOWN	JOS TOWN	BUKURU TOWN,	20
10	A	CBN MAKURDI	MAKURDI TOWN	OGIRI OKO RD.	
11	A	COCA COLA	JOS TOWN	MINING ESTATE	20
				Militito Estate	20

s/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY DURATION (HRS)
12	A	DADIN KOWA	JOS TOWN	ZARAMAGANDA, DADIN KOWA, WAEC OFFICE	20
13	A	DCP I	YANDEV GBOKO	DANGOTE CEMENT	20
14	A	DCP II	YANDEV GBOKO	DANGOTE CEMENT	20
15	A	DOGON DUTSE	JOS TOWN	BEHIND HARIS FILLING STATION, INJECTION SUBSTATIONS, SHARNA HOTEL	20
16	A	FED. LOW COST GOMBE	GOMBE TOWN	STATE LOW COST	20
17	A	FMC	GOMBE TOWN	ASHAKA ROAD GOMBE, CBN ROAD	20
18	A	FMC GOMBE	GOMBE TOWN	ASHAKA ROAD GOMBE	20
19	A	FMC STAFF QUARTERS GOMBE	GOMBE TOWN	FMC QUARTERS, BLOCK (E) FEDERAL TEACHING HOSPITAL	20
20	A	FOBUR	JOS TOWN	NEW FOBUR,	20
21	A	GADA BIU	JOS TOWN	OPP, RUSAU MARKET, RISAU VILLAGE, FEBUNA	20
22	A	GOMBE TOWN	GOMBE TOWN	INJECTION SS, FED LOW COST, GOVT HOUSE	20
23	A	GOVT. HOUSE GOMBE	GOMBE TOWN	GOOD LUCK JONATHAN WAY	20
24	A	GRA GOMBE	GOMBE TOWN	LONDON MAI DORAWA	20
25	A	GRA MAKURDI	MAKURDI TOWN	BEACH LANE OPP MARINE POLICE STATION, GRA MAKURDI	20
26	A	GRA/PALACE	BAUCHI TOWN	INDUSTRIAL AREA LAYOUT	20
27	A	GUBI 33KV	GOMBE TOWN	GUBI DAM,	20
28	A	GURA TOP/MAZ.	JOS TOWN	GURATOP, MAZARAM, PARTS OF RAYFIELD	20
29	A	HWOLSHE	JOS TOWN	MIANGO ROAD KUFANG, OPPOSITE NATIONAL LIBRARY	20
30	A	IBRAHIM TAIWO	JOS TOWN	2A CLUB COURT, CLUB ROAD, PRISON BARRACKS	20
31	A	INDUSTRIAL JOS	JOS TOWN	GWARANDOK NAMUWAN VILLAGE, OLD AIRPORT ROAD	20
32	A	INDUSTRIAL MAKURDI	MAKURDI TOWN	INDUSTRIAL LAYOUT ENVIRONS, BHD FED.LOW COST NAKA RD, NEAR ST JAMES CATHOLIC CHURCH	20
33	A	JUTH	JOS TOWN	ISHOM AGOM	20
34	A	KATAKO	JOS TOWN	OPPOSITE SEMINARY, UNG RIMI, KATAKO MARKET, CHOBE MARKET	20
35	A	KUMO	BILLIRI ROAD	INJCETIOGWANDUM, KUMO	20
36	A	LAMINGO	JOS TOWN	BEHIND SUNSHINE KYEN RIKKOS, LAMINGO, GWASH, CELE BRIDGE	20
37	A	LIBERTY DAM	JOS TOWN	DOGON KARFE	20
38	A	MAKERI	MAKERI JOS	DIYE	20
39	A	MURTALA MOHAMMED	JOS TOWN	NWATU OKONKWO S. S., MURTALA MOHAMMED WAY, JED JOS METRO REGION	20
40	A	NABORDO	JOS ROAD, BAUCHI	INJECTION SS, MIRI VILLAGE, UNITY ESTATE, JOS ROAD, GOVT HOUSE, ATBU	20
41	A	NASCO DEDICATED	JOS TOWN	YAKUBU GOWON WAY, JOS, PLATEAU STATE	20

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S/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY DURATION (HRS)
42	A	NEW GOVT. HOUSE JOS	RAYFIELD JOS	KYENG .B.	20
43	A	NORTH BANK	MAKURDI TOWN	OPP PADOPASS	20
44	A	PANTAMI	GOMBE TOWN	GRA BAPPA TREBO QTRS, JED OLD OFFICE	20
45	A	RANTYA	JOS TOWN	ZONE C, RANTYA NEW MARKET, LODIK RANTYA STATE LOWCOST	20
46	A	RAYFIELD	JOS TOWN	RAYFIELD RESORT ROAD, KWANG RAYFIELD	20
47	A	SECRETARIAT	JOS TOWN	SECRETAIAT JUNCTION	20
48	A	SHONGO	GOMBE TOWN	LOMI WARD, TUNFURE, GOVT HOUSE	20
49	A	STADIUM	BAUCHI TOWN	NEAR HAJJA FILLING STATION, BAYAN GARI	20
50	A	STATE LOWCOST	JOS TOWN	FEDERAL LOW-COST	20
51	A	TAFAWA BALEWA	JOS TOWN	BALEWA RD, ZIKS AVENUE, YANDOKI STREET	20
52	А	TEACHING HOSPITAL	BAUCHI TOWN	CLOSE TO OBUNA ROYAL HOTEL BAUCHI, TEACHING HOSPITAL, BAUCHI SPECIALIST	20
53	A	TUNFURE	GOMBE TOWN	TUNFURE ESTATE, YOLA ROAD	20
54	А	UNIJOS DEDICATED	JOS TOWN	S/S QUARTERS, UJ SSQTRS NARAGUTA, BAUCHI ROAD CAMPUS JOS, PERMANEBT SITE	20
55	A	UTAN	JOS TOWN	ANGUWAN JARAWA, SABON LAYI, ROCKHAVEN	20
56	А	WATER WORKS BAUCHI	BAUCHI TOWN	FADAMAN MADA AREA, BEHIND GGSS	20
57	A	WEST OF MINES	JOS TOWN	ANNA JABA'AM, PANYAM STREET, AHMADU BELLO WAY	20
58	A	WUNTI ROAD	BAUCHI TOWN	BEHIND GYMANASIUM, WUNTI MARKET, AHMADU BELLO WAY	20
59	A	ZARIA ROAD 11KV	JOS TOWN	ZARIA ROAD, ECWA STAFF, HWOLAZA, GAMAJIGO	20
60	В	AIRFORCE BASE BAUCHI	BAUCHI TOWN	AIRFORCE BARRACKS BAUCHI	16
61	В	AMINU STREET	BAUCHI TOWN	AMINU STREET, BAKIN KURA STREET, PART OF WUNTI STREET	16
62	В	ANKPA	OTUKPO TOWN	OBAGAJI TOWN, INJECTION SS, ENUGU ROAD, UGBOKOLO	16
63	В	ASA	OTUKPO TOWN		16
64	В	ATBU PERMANENT SITE	BAUCHI TOWN	NO P W 0035 NINGI/KANO	16
65	В	AZARE TOWN	AZARE TOWN	UNGUWAN KATSALLE OPP. COMPREHENSIVE DAY SECONDARY AZARE	16
66	В	BANK ROAD	BAUCHI TOWN	SABON LINE BHID RAILWAY, BEHIND SECRETARIAT, NASARAWA STREET	16
67	В	BAPTIST	JOS TOWN	YANZUMA, PART OF BAUCHI ROAD	16
68	В	BARRACK	BAUCHI TOWN	TSOHON COMPANY WUNTIN DADA, SHADAWANKA BARRACK	16
69	В	BAUCHI ROAD TOWNSHIP	JOS TOWN	CHOLLOM STREET OPP ECWA CHURCH BISHARA 3 APATA	16
70	В	BBL	MAKURDI TOWN	INTERNATIONAL MARKET, BBL	16
71	В	BCGA	GOMBE TOWN	BAMUSA BEHIND TRUST BREAD	16

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S/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY
72	В	BSU	BENUE STATE UNIVERSITY, MAKURDI	GBOKO ROAD MAKURDI, BENUE STATE UNIVERSITY	DURATION (HRS)
73	В	COE/FIRE SERVICE	AZARE TOWN	COLL OF EDUCATION, FED UNIVERSITY OF HEALTH, FIRE SERVICE	
74	В	CONGO	JOS TOWN	SUNDAY PAM STREET CONGO JUNCTION, CONGO WARD	16
75	В	DARAZO/DUKKU	DARAZO-DUKKU ROAD	BAWA ZEGO, DUKKU TOWN, DARAZO TOWN, KARI	16
76	В	DASS	DASS ROAD, BAUCHI	INJECTION SS, DASS, TAFAWA BALEWA AND BOGORO LGAS	16
77	В	DILIMI	JOS TOWN	SARKIN FULANI, DILIMI WARD	16
78	В	DISTRICT	MAKURDI TOWN	MR AGBOR RESIDENCE BHD PRISON BARRACKS	16
79	В	DOMA	GOMBE TOWN	HAMMADU KAEELOUADTERS COMPERSION BARRACKS	16
80	В	DODOWA		HAMMADU KAFFI QUARTERS, GOMBE TOWN	16
		DOROWA FGC/RADIO	JOS TOWN	OPP PHC, SABON LAYI, MANGU, PANKSHIN, M/JAMA'A SHEDAM, WASE	16
81 82	B	MONITORING	AZARE TOWN	MATSANGO AREA AZARE, MISAU ROAD, FED GOVT COLLEGE	16
02	В	GBOKO ROAD	MAKURDI TOWN	MAKURDI-GBOKO RD	16
83	В	GOMBE STATE UNIVERSITY	GOMBE TOWN	GOMBE STATE UNIVERSITY	16
84	В	GRA AZARE	AZARE TOWN	BAKIN KASUWA AZARE	
85	В	GWALLAMEJI	BAUCHI TOWN	RAFIN SANYI BEHIND ENY CHURCH, RAFIN ZURFI, FED POLY BAUCHI	16
86	В	IGBANOMAJE	OTUKPO TOWN	EGLI AVENUE OTIA G., FREEDOM STREET ZONE H/B	16
87	В	INDUSTRIAL BAUCHI	BAUCHI TOWN	DUMI VILLAGE, GAMES VILLAGE, JAHUN WARD	16
88	В	KATSINA ALA	KATSINA ALA AXIS	ANDOOR MBAYION	16
89	В	MAKURDI TOWN	GBOKO	ASUKUNYA SETTLEMENT, POWA COMPLEX AREA COMMAND MAKURDI	16
90	В	MAKURDI TOWN 11KV	MAKURDI TOWN	J S TARKA WAY	16
91	В	NAKA ROAD	MAKURDI TOWN		10
92	В	NARAGUTA	JOS TOWN	BHD ESKAY ESTATE	16
93	В	NASARAWA	JOSTOWN	ZINARIYA ANGWAN RIMI,	16
94	В	NASME	MAKURDI TOWN	YAN KASUWA, NASARAWA	16
95	В	NIPSS KURU	JOS TOWN	YOGBO ROAD	16
96	В	ULO	ULO	TRADE CENTER (9.73787654, 8.83518844)	16
97	В	OLD ENUGU ROAD	OTUKPO TOWN	UMAPIA ADUM 1 VILL ITO, OJU	16
98	В	OTADA	OTUKPO TOWN	EFFA QUARTER, OLD ENUGU ROAD	16
99	В	POLICE STAFF		OTUKPO LG SECRETARIAT, EFFA QTRS, APPLE AVENUE	16
00	B	COLLEGE/POLY RAILWAY	JOS TOWN	POLICE STAFF COLLEGE	16
01	B		BAUCHI TOWN	RAJI QUARTERS, RILWAN SULAIMAN, GOMBE ROAD, VOCATIONAL	16
		RUKUBA	JOS TOWN	KWANG VILAGE	16
02	B	RUKUBA BARRACKS	JOS TOWN	ARMY BARRACKS	16
03	В	RUKUBA ROAD	JOS TOWN	BEHIND COCIN CHURCH KABONG VILLAGE	16

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S/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY
104	В	SCIENCE SCH. KURU	JOS TOWN	DAZEK KURU	DURATION (HRS)
105	В	TARAKU	OTUKPO TOWN	BHD JOPSY HOTEL	16
106	В	TUDUN SALMANU	BAUCHI TOWN	TUDUN SALMANU, GIDA DUBU, TIRWUN MAIDUGURI ROAD	16
107	В	TUDUN WADA GOMBE	GOMBE TOWN	ALIYU MODIBBO STREET GOMBE	16
108	В	TUDUN WADA JOS	JOS TOWN	MADO,	
109	В	UNIAGRIC	MAKURDI TOWN	UNIC AGRIC MAKURDI	16
110	В	WUKARI	BURUKU, ANYIIM AXIS	ADJACENT BEACH HOTEL WATER SIDE, BURUKU, UGBA, ANYIIM	16
111	В	YANDEV	GBOKO	OFF IHUGH ROAD WAAPERA	16
112	В	YANKARI	GOMBE ROAD, BAUCHI	YANKARI GAME RESERVE, ALKALERI LGA, KIRFI LGA	16
113	В	YELWA	BAUCHI TOWN	YELWAN MAKARANTA, LUSHI WARD, YELWAN LEBURA	16
114	В	ZAWAN	JOS TOWN		16
115	С	33KV BILLIRI	BILLIRI GOMBE	ZUBAIRU STREET, ANGUWAN DOKI	16
116	С	33KV IKPAYONGU	MAKURDI TOWN	BILLIRI TOWN, KUMO, KASHERE	12
117	С	33KV KALTUNGO	BILLIRI GOMBE		12
118	с	AIRFORCE BASE MAKURDI	MAKURDI TOWN (GBOKO ROAD)	KANTUNGO AND ENVIRONS AIRFORCE BASE MAKURDI	12
119	С	ALIADE	ALIADE	7 DAYS ADVENTIST CHURCH STREET, ALIADE	
120	С	BARIKIN LADI TOWN	BARKIN LADI	BEH ALHAJI NATAALA RESIDENCE, BARKIN LADI TOWN	12
121	С	BYPASS	GOMBE TOWN	DUBAI QTRS, GOMBE BYPASS	12
122	с	EMIRS PALACE JAMAARE	AZARE TOWN		12
123	с	FEDERAL LOWCOST JAMAARE	AZARE TOWN		12
124	С	FIKA	FIKA	BAJOGA, FUNAKAYE	12
125	С	GAMAWA/DAMBAM	GAMAWA/DAMBAM	GAMAWA, ZAKI	12
126	С	GBOKO/ADIKPO	ADIKPO	SHANDE ROAD, ADIKPO TOWN	12
127	С	GINDIRI	GINDIRI	ANGWAN LAHIR, MANGU	
128	С	GRA MISAU	MISAU TOWN	ALUMURI QUARTERS, KARI ROAD, SCH OF LEGAL STUDIES	12 12
129	С	JAMAARE	JAMAARE TOWN	FAGGO VILLAGE, KANO ROAD	
130	С	MALLAM INNA	GOMBE TOWN	ZAGAINA QUARTERS ACROSS ARAWA GULLY BY THE LEFT	12
131	С	MALLAM SIDI	GOMBE TOWN	OPP JAURO HOUSE MAIDUGU M/SIDI	12
132	С	MANGU TOWN	MANGU TOWN	BUNGHA DAWO NEWLAY OUT, MANGU	12
133	С	MISAU	MISAU TOWN	GULBIN VILLAGE, INJECTION SS, GIADE LGA	12
134	С	MISAU TOWN	MISAU TOWN	NASSARAWA AREA, EMIR PALACE	12
135	с	NINGI	KANO ROAD, BAUCHI	TASHAN NASARU NINGI, ATBU PERMANENT SITE, AIRFORCE BASE BAUCHI	12

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S/N	BAND	FEEDER NAME	DESCRIPTION OF FEEDER LOCATION	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY DURATION (HRS)
136	с	NINGI TOWN	NINGI	DALIYA AREA NINGI L.G.A, KANO ROAD NINGI, EMIR PALACE, SECRETARIAT	12
137	С	NNPC JOS	JOS TOWN	CIKIN GARI ANGWAN PATA (JENGRE), ZARIA ROAD	
138	С	NNPC MAKURDI	MAKURDI TOWN	BHD IKPAYONGO HIGH COURT, BENUE STATE UNIVERSITY	12
139	С	OBARIKE TOWN	OBARIKE TOWN	CHAIRMAN'S QUARTERS, OBARIKE	12
140	С	I ULO	ULO	GBOKO ROAD, OJU	12
141	С	UI ULO	ULO	IPINU ALONG ST THOMAS RD, OJU	12
142	С	POLO	JOS TOWN	JENTA MAKERI, JENTA ADAMU	12
143	С	RAN ROAD	BAUCHI TOWN	MAKARAHUTA, TAFAWA BALEWA ESTATE, GOMBE ROAD	12
144	С	RIYEL	GOMBE TOWN	HURUMIN DA'U STREET, RIYEL	12
145	С	SRS	MAKURDI	7 HUDCO QUARTERS	12
146	С	TORO	TORO	BAKI KWARI BEHIND BRIDGE KADAGE, TORO LG SECRETARIAT	12
147	С	VANDEKYA	VANDEKYA		12
148	С	VOM	JOS TOWN	VANDEKIYA	12
149	С	ZARTEX	BARKIN LADI	VOM	12
150	D	BOGORO I	BOGORO	OPP. LOW-COST	12
151	D	BOGORO II	BOGORO	BESIDE BOGORO CENTRAL PRIMARY SCHOOL	8
152	D	DARAZO TOWN	DARAZO	GWARANGAH	8
153	D	DAUDU	LAFIYA ROAD, MAKURDI	ANGUWAN BAKURYO	8
		EMIR PALACE	LATTA ROAD, MARORDI	BHD HEAVY DUTY PARK	8
154	D	DARAZO	DARAZO	EMIR PALACE,	8
155	D	EMIR PALACE KUMO 11KV	KUMO TOWN	EMIR PALACE, BILLIRI ROAD	8
156	D	GENERAL HOSPITAL PANKSHIN	PANKSHIN	GENERAL HOSPITAL PANKSHIN	8
157	D	GOVT. HOUSE BAUCHI	BAUCHI TOWN	KAFIN GALADIMA, ZARANDA HOTEL, GOVT HOUSE BAUCHI, GRA	8
158	D	HARDAWA	HARDAWA	SABON PEGI, EMIR PALACE	
159	D	J.D. GOMWALK	PANKSHIN	ALONG AWALLE, PANKSHIN	8
160	D	KALSHINGI TOWN I	KALSHINGI TOWN		8
161	D	KALSHINGI TOWN II	KALSHINGI TOWN	NEAR TRANSFORMER, KALSHINGI TOWN	8
162	D	KUMO TOWN 11KV	KUMO TOWN	PART OF KALSHINGI TOWN	8
163	D	NAFADA TOWN	NAFADA TOWN	BANGU LATEDE KUMO	8
164	D	PANKSHIN FCE	PANKSHIN	ARDO ABBA NAFADA BESIDE ROUD	8
165	E	BENPOLY	UGBOKOLO	NO. PANKSHIN	8
166	E	DENGI TOWN	DENGI TOWN	OPP BENPOLY GATE	4
167	E	GANAWURI (NESCO)	GANAWURI	TURAKI STREET, DENGI TOWN	4
		C. I. MATORI [14E3CO]	GAINAWUKI	GANAWURI	4

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		FEEDER NAME	DESCRIPTION OF FEEDER	NAME OF MAJOR STREETS SERVED BY THE FEEDER	MIN. SUPPLY DURATION (HRS)
S/N	BAND		LOCATION	SHENDAM GRA	4
168	E	GRA SHENDAM	KUFFEN	PART OF LANGTANG	4
169	E	KUFFEN		MBAR	4
170	E	MBAR	MBAR	MIANGO	4
171	E	MIANGO 3.3KV	MIANGO	ICHAMA ROAD, OKPOGA	4
172	E	OKPOGA	OKPOGA	PART OF LANGTANG	4
173		PAJAT	PAJAT	OPPOSITE PHC CLINIC PILGANI	4
174		PILGANI	PILGANI		
		SHENDAM ARMY	SHENDAM	SHENDAM BARRACKS	4
175	E	BARRACKS	OTTEL (D. M.)	ANGUWAN BABA SHIRA, YANA, GIADE ROAD	4
176	F	SHIRA-YANA	YANA	SHENDAM	4
177		TOTAL	SHENDAM		4
178		UGBOKOLO	UGBOKOLO	UMABE UGBOKOLO,	4
178		WASE GARKUWA	WASE	WASE TOWN	<u> </u>
		WASE PRISON	WASE	STATE LOWCOST WASE	~
180	E	WASE TRIBUTT			

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