



ORDER/NERC/2024/054

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

TITLE

1. This regulatory instrument shall be cited as **May 2024 Supplementary Order to the Multi-Year Tariff Order – 2024 (“May 2024 Supplementary Order”)** for Kano Electricity Distribution Plc (“KEDCO”).

COMMENCEMENT AND TERMINATION

2. This Supplementary Order shall take effect from 6th May 2024 and it shall cease to be effective on the issuance of a new tariff review Order for KEDCO by the Nigerian Electricity Regulatory Commission (“NERC” or the “Commission”).

CONTEXT

3. Pursuant to the Tariff Review Application by KEDCO, the Commission approved MYTO-2024 effective from 1st January 2024. The Order among others;
 - a. Restated KEDCO’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 KEDCO;
 - b. 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, ₦/US\$ exchange rate, available generation capacity and gas price for the determination of Cost-Reflective Tariffs (“CRT”).

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5. Minor Review Indices

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

- a. **Exchange Rate:** The Naira to the US Dollar exchange rate of ₦1,227.78/US\$1 has been adopted for May – December 2024; this has been determined by adding a 1% transaction cost to the average foreign exchange rate of ₦1,215.62 during the period of 1st – 30th April 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 33.20% for March 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 (<http://www.bls.gov>), the US inflation rate of 3.50% for March 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 268MWh/h by KEDCO in 2024.
- e. **Wholesale Gas to Power Prices:**
 - i. The review maintains the April 2024 benchmark gas-to-power price of US\$2.42/MMBTU. This is based on the 2024 revision to the established benchmark price of gas to power from US\$2.18/MMBTU to US\$2.42/MMBTU by the Nigerian Midstream and Downstream Petroleum Regulatory Authority ("NMDPRA") in line with Section 167 of the Petroleum Industry Act ("PIA") 2021.
 - ii. 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.
- f. **Ancillary Service:** In view of the need to mitigate frequent system disturbance, the provision for ancillary service charge has been reviewed upward from N0.192/kWh to N0.972/kWh to incentivise the procurement of spinning reserves to further enhance the reliability of the grid.



6. Summary of Tariff Assumptions and Results

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

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

| Parameter | Unit | Feb-Mar 2024 | Apr 2024 | May-Dec 2024 |
|------------------------------------|------------|---------------|---------------|--------------|
| Loss Target | % | 25.00% | 25.00% | 25.00% |
| Nigerian Inflation | % | 31.7% | 31.7% | 33.2% |
| US Inflation | % | 3.2% | 3.2% | 3.5% |
| Exchange Rate | ₦/\$ | 1,463.3 | 1,463.3 | 1,227.8 |
| Gas and Transportation Costs | \$/MMBTU | 2.98 | 3.22 | 3.22 |
| Transmission Loss Factor | % | 7.00% | 7.00% | 7.00% |
| Energy Delivered to DisCo | GWh | 2,347 | 2,347 | 2,352 |
| Energy Delivered to DisCo | MWh/h | 268 | 268 | 268 |
| Generation Cost | ₦/ kWh | 101.5 | 103.9 | 87.3 |
| Transmission & Admin Cost | ₦/ kWh | 9.1 | 9.1 | 8.9 |
| End-User Cost Reflective Tariffs | ₦/ kWh | 184.8 | 188.1 | 164.3 |
| End-User Allowed Tariffs | ₦/ kWh | 58.8 | 122.1 | 114.8 |
| Monthly Tariff Shortfall (Subsidy) | ₦' Million | 18,481 | 10,774 | 7,276 |

7. Approved End-User Tariffs Effective from 6th May 2024

Pursuant to Section 116 of the EA and extant regulations, the Commission has considered and approved for KEDCO, the tariffs in Table 2 below effective 6th May 2024. The approved tariffs shall also remain in force subject to monthly adjustments of pass-through indices including inflation rates, NGN/US\$ exchange rates and gas-to-power 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 KEDCO franchise in 2024 is approximately ₦7.28bn monthly. 



Table - 2: Approved Allowed Tariffs (₦/kWh) for KEDCO

| Tariff Class | Jan - Mar 2024 | Apr 2024 | May - Dec 2024 |
|--------------|----------------|----------|----------------|
| Life-line | 4.00 | 4.00 | 4.00 |
| A - Non-MD | 70.23 | 225.00 | 206.80 |
| A - MD1 | 74.06 | 225.00 | 206.80 |
| A - MD2 | 76.54 | 225.00 | 206.80 |
| B - Non-MD | 65.29 | 65.29 | 65.29 |
| B - MD1 | 68.13 | 68.13 | 68.13 |
| B - MD2 | 71.11 | 71.11 | 71.11 |
| C - Non-MD | 47.57 | 47.57 | 47.57 |
| C - MD1 | 49.51 | 49.51 | 49.51 |
| C - MD2 | 54.01 | 54.01 | 54.01 |
| D - Non-MD | 32.02 | 32.02 | 32.02 |
| D - MD1 | 47.58 | 47.58 | 47.58 |
| D - MD2 | 47.58 | 47.58 | 47.58 |
| E - Non-MD | 31.88 | 31.88 | 31.88 |
| E - MD1 | 47.58 | 47.58 | 47.58 |
| E - MD2 | 47.58 | 47.58 | 47.58 |

8. Service Delivery Commitments

KEDCO 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 a period of one month. Details of the service level commitments made by KEDCO to customers in various tariff Bands for the period May to June 2024 are provided in Appendix 2.

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 KEDCO for near real-time monitoring of service.
- b. KEDCO shall maintain its rapid response team set up in April 2024 to ensure effective service delivery on the committed minimum hours of supply to each service Band commencing with Band A feeders effective from 3rd April 2024. The team shall continue to ensure timely response to customers' complaints, fault clearing and alignment with TCN regional teams for effective load management and optimised dispatch to respective feeders. KEDCO shall maintain the emails



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. KEDCO is obligated to publish daily on its website a rolling seven-day average daily hours of supply on each Band A feeder no later than 09:00 am of the next day.
- d. Where KEDCO fails to deliver on the committed level of service on a Band A feeder for consecutive two days, KEDCO 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 KEDCO 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".

10. Service Band Adjustment and Migration

Pursuant to the provisions of the Order on Migration of Customers and Compensation for Service Failure under the Service-Based Tariff Framework, it is hereby ordered that:

- a. Migration of feeders/customers across service bands shall be in accordance with the provisions of Section 5 of the Order on Migration of Customers and Compensation for Service Failure under the Service-Based Tariff Framework.
- b. Where KEDCO fails to deliver on committed service levels as measured over a period of one (1) month (excluding instances covered in Part 9e of this Order), the provisions of Section 6 of the Order on Migration of Customers and Compensation for Service Failure under Service-Based Tariff Framework shall apply.
- c. KEDCO 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 KEDCO issued from time to time by the Commission.

11. Procurement of Embedded Generation

KEDCO is obligated by this Order to procure a minimum of 27MW 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 14MW (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 KEDCO's Franchise area. The capacity to be procured should be ready for dispatch to the KEDCO's network by the 1st of April 2025.

12. KEDCO'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. KEDCO 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.

Table - 3: Monthly DisCo Remittance Obligation for KEDCO, 2024

| Head | Sub Head | Feb - Mar 2024 Revision | Apr 2024 Revision | May - Jun 2024 Revision | Jul - Dec 2024 Revision |
|--------------------------------|----------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------------|
| | | ₦'Million | ₦'Million | ₦'Million | ₦'Million |
| Revenue Required | NEMSF | 371 | 371 | 371 | 371 |
| | Meter Acquisition Fund | 174 | 174 | 174 | 174 |
| | Unadjusted GenCo Invoice | 19,855 | 20,330 | 17,115 | 17,115 |
| | TCN & Admin Services | 1,779 | 1,786 | 1,759 | 1,759 |
| | DisCo | 4,930 | 4,930 | 4,731 | 4,731 |
| | Total | 27,110 | 27,592 | 24,150 | 24,150 |
| Allowed Recovery | | 8,629 | 16,817 | 16,875 | 16,875 |
| 2023 Under Recovery B/F | | 327 | 327 | 327 | 0 |
| Tariff Shortfall (Subsidy) | | 18,808 | 11,101 | 7,603 | 7,276 |
| NBET Adjusted Invoice to KEDCO | | 1,047 | 9,229 | 9,513 | 9,840 |
| DisCo Remittance Obligation | NEMSF | 371 | 371 | 371 | 371 |
| | Meter Acquisition Fund | 174 | 174 | 174 | 174 |
| | NBET Remittance Obligation | 1,047 | 9,229 | 9,513 | 9,840 |
| | MO Remittance Obligation | 1,779 | 1,786 | 1,759 | 1,759 |
| | DisCo | 5,257 | 5,257 | 5,058 | 4,731 |
| | Total Distribution | 8,629 | 16,817 | 16,875 | 16,875 |
| DisCo Remittance to NBET | | 100% | 100% | 100% | 100% |
| DisCo Remittance to MO | | 100% | 100% | 100% | 100% |



13. The waterfall of market revenues during the transitional period shall be in line with the following:
- a. NBET shall issue energy invoices to KEDCO net of the applicable tariff shortfall approved by the Commission monthly, while MO shall issue the full transmission and administrative services invoices to KEDCO at the applicable tariff.
 - b. KEDCO shall make full settlement (100%) of the market invoices issued by MO and NBET as provided in Table 3 below.
 - 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. KEDCO 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. KEDCO shall maintain adequate payment securitisation for energy off-take in line with the earlier directive of the Commission and relevant bilateral contracts.
 - f. KEDCO 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.

14. Effective Date

This Supplementary Order shall be effective from 6th May 2024.

Dated this 3rd day of May 2024



Sanusi Garba
Chairman



Musiliu Oseni
Vice-Chairman

Appendix – 1: KEDCO’s Customer Classifications

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

Appendix - 2: KEDCO's Service Level Commitments for May – June 2024

| S/N | Band | Feeder Name | Description of Feeder Location | Name of major streets served by the Feeder | Min. Duration of Supply (Hrs) |
|-----|------|---------------------------|-----------------------------------|---|-------------------------------|
| 1 | A | 11KV NBC | ABATTOIR INJECTION SUBSTATION | Challawa Industrial area | 20 |
| 2 | A | 11KV CERAMIC | ABATTOIR INJECTION SUBSTATION | Challawa Industrial area | 20 |
| 3 | A | 11KV MAIMALARI | BRISCOE INJECTION SUBSTATION | MAIMALARI BOMPAI KANO | 20 |
| 4 | A | 11KV YUSUF ROAD | BRISCOE INJECTION SUBSTATION | Yusuf Road KANO | 20 |
| 5 | A | 11KV BOMPAI | BRISCOE INJECTION SUBSTATION | BOMPAI ROAD KANO | 20 |
| 6 | A | 11KV CHALLAWA WATER PLANT | CHALLAWA INJECTION SUBSTATION | Water Plant Challawa | 20 |
| 7 | A | 33KV MTN | DAKATA TS | Bompai Industrial area | 20 |
| 8 | A | 33KV IDH | DAKATA TS | France road, Kano | 20 |
| 9 | A | 33KV SMALL SCALE | DAKATA TS | Dakata Small scale | 20 |
| 10 | A | 33KV GASKIYA | DAKATA TS | KAWAJI INDUSTRIAL AREA | 20 |
| 11 | A | 33KV CLUB | DAN AGUNDI TS | Kano Club injection substation | 20 |
| 12 | A | 33KV ZARIA ROAD | DAN AGUNDI TS | AKTH, Na'ibawa, Zaria Road KANO | 20 |
| 13 | A | 33KV DAN AGUNDI 1 | DAN AGUNDI TS | DANAGUNDI INJECTION SUB STATION KANO CITY | 20 |
| 14 | A | 11KV RIJIMA | DAURA INJECTION SUBSTATION | Rijima Barrack, Katsina | 20 |
| 15 | A | 33KV DAURA | DAURA TS | Daura injection Substation Daura | 20 |
| 16 | A | 33KV DUTSE | DUTSE TS | FUD, Dutse. | 20 |
| 17 | A | 11KV APEX | FADAMA INJECTION SUBSTATION | CBN, Katsina | 20 |
| 18 | A | 33KV TEXTILE | FUNTUA TS | Funtua Textile, Mairuwa Road Funtua | 20 |
| 19 | A | 33KV KATSINA ROAD | FUNTUA TS | Katsina road injection Substation, Funtua | 20 |
| 20 | A | 33KV RICE MILLS | GAGARAWA TS | GUJUNGU, JIGAWA RICE MILLS, GAGARAWA | 20 |
| 21 | A | 11KV DALA FOODS | GONGONI INJECTION SUBSTATION | SHARADA INDUSTRIAL KANO | 20 |
| 22 | A | 33KV UNIVERSITY | HADEJIA TS | HADEJIA, BIRNIWA, UNIVERSITY, GUMEL, KAFIN HAUSA | 20 |
| 23 | A | 33KV HADEJIA | HADEJIA TS | | 20 |
| 24 | A | 11KV TOKARAWA | JOGANA INJECTION SUBSTATION | Tokarawa, Kakara and Danzaki industrial Area along Hadejia Road | 20 |
| 25 | A | 11KV INDUSTRIAL | KATSINA ROAD INJECTION SUBSTATION | FUNTUA INDUSTRIAL | 20 |

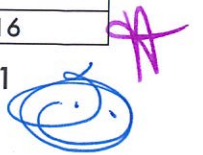
Appendix - 2: KEDCO's Service Level Commitments for May - June 2024

| S/N | Band | Feeder Name | Description of Feeder Location | Name of major streets served by the Feeder | Min. Duration of Supply (Hrs) |
|-----|------|----------------------------|----------------------------------|---|-------------------------------|
| 26 | A | 33KV KOFAR GUGA | KATSINA TS | Federal Teaching Hospital Katsina | 20 |
| 27 | A | 33KV AJIWA WATER WORKS | KATSINA TS | New Govt House, SSS Office, Inec tourist Lodge, Ajiwa water treatment | 20 |
| 28 | A | 33KV POWER HOUSE | KATSINA TS | IBB WAY INJECTION SUB STATION KATSINA URBAN | 20 |
| 29 | A | 11KV NATSINTA | KOFAR GUGA INJECTION SUBSTATION | Natsinta Barrack, Katsina | 20 |
| 30 | A | 33KV SPANISH 2 | KUMBOTSO TS | SHARADA INDUSTRIAL AREA | 20 |
| 31 | A | 33KV ATM | KUMBOTSO TS | Challawa Industrial area | 20 |
| 32 | A | 33KV MAMUDA | KUMBOTSO TS | Challawa Industrial area | 20 |
| 33 | A | 33KV ANGELS | KUMBOTSO TS | Sharada Industrial area | 20 |
| 34 | A | 33KV SPANISH 1 | KUMBOTSO TS | Sharada Industrial area | 20 |
| 35 | A | 33KV DANGOTE | KUMBOTSO TS | Sharada Industrial area | 20 |
| 36 | A | 11KV TAMBURAWA WATER PLANT | TAMBURAWA INJECTION SUBSTATION | Water Plant Tamburawa | 20 |
| 37 | A | 33KV CHALLAWA WATER WORKS | TAMBURAWA TS | Water Plant Challawa | 20 |
| 38 | A | 33KV TAMBURAWA WATER WORKS | TAMBURAWA TS | Water treatment plant Tamburawa | 20 |
| 39 | A | 33KV RICE FIELD | TAMBURAWA TS | GWARZO ROAD, INDUSTRIAL AREA | 20 |
| 40 | A | 33KV COCA COLA | TAMBURAWA TS | Challawa Industrial area | 20 |
| 41 | A | 11KV FUNTUA TEXTILE MILL | TEXTILE INJECTION SUBSTATION | FUNTUA TEXTILE MILL | 20 |
| 42 | A | 11KV FUNTUA WATER WORKS | TEXTILE INJECTION SUBSTATION | FUNTUA WATER WORKS | 20 |
| 43 | A | 11KV WUDIL COMMERCIAL | WUDIL INJECTION SUBSTATION | GAYA ROAD WUDIL COMMERCIAL AREA | 20 |
| 44 | A | 33KV WUDIL | WUDL TS | KUST, Wudil | 20 |
| 45 | B | 11KV MAJESTIC | BIRNIN KUDU INJECTION SUBSTATION | Majestic rice company. | 16 |
| 46 | B | 11KV INDEPENDENCE | BRISCOE INJECTION SUBSTATION | Independence Road, Gawauna and Kings Garden Area. | 16 |



Appendix - 2: KEDCO's Service Level Commitments for May - June 2024

| S/N | Band | Feeder Name | Description of Feeder Location | Name of major streets served by the Feeder | Min. Duration of Supply (Hrs) |
|-----|------|-----------------------------|---------------------------------|---|-------------------------------|
| 47 | B | 11KV GWARZO ROAD | BUK INJECTION SUBSTATION | R/zaki along Gwarzo road, Barakat store, Jaiz bank and Zenith bank. | 16 |
| 48 | B | 11KV NEW SITE | BUK INJECTION SUBSTATION | BUK new campus. | 16 |
| 49 | B | 11KV NOMANSLAND | BUKAVU INJECTION SUBSTATION | Nomansland and Katsina Road Areas. | 16 |
| 50 | B | 11KV AHMADU BELLO | CLUB INJECTION SUBSTATION | Ahmad Bello way, Dawaki Road and Sultan Road. | 16 |
| 51 | B | 11KV RACE COURSE | CLUB INJECTION SUBSTATION | Race course Road, Alu Avenue and Lamido crescent. | 16 |
| 52 | B | 11KV BADAWA | CLUB INJECTION SUBSTATION | Badawa Layout, Lamido Crescent and Sardaua crescent. | 16 |
| 53 | B | 11KV BANK ROAD | CLUB INJECTION SUBSTATION | Lagos street, post office road and Bello Road. | 16 |
| 54 | B | 11KV AUDU BAKO | CLUB INJECTION SUBSTATION | Audu Bako way, Railway Quarters and Bompai Road. | 16 |
| 55 | B | 11KV MURTALA MUHAMMED | CLUB INJECTION SUBSTATION | Murtala mohd way, France Road and Igbo Road | 16 |
| 56 | B | 33KV FLOUR MILLS | DAKATA TS | Dakata small Scale and Bompai Area. | 16 |
| 57 | B | 33KV NNPC | DAKATA TS | Hotoro NNPC bye bass, Tinshama and Ladanai Area. | 16 |
| 58 | B | 11KV AJASA | DAN AGUNDI INJECTION SUBSTATION | Kano Trade Fare, Zoo Road and Ajasa | 16 |
| 59 | B | 11KV IBRAHIM TAIWO | DAN AGUNDI INJECTION SUBSTATION | Ibrahim Toiwo road, Kofar Dan agundi and Kwari market | 16 |
| 60 | B | 33KV DAN AGUNDI 2 | DAN AGUNDI TS | Dan agundi injection Substation, BUK road, Kano | 16 |
| 61 | B | 33KV BUK | DAN AGUNDI TS | BUK Road, Tudun Yola and R/Zaki Area. | 16 |
| 62 | B | 33KV KURNA | DAN AGUNDI TS | North west city campus, Abattior Area, Hajji camp, Aminu Kano Airport and Airforce base. | 16 |
| 63 | B | 33KV CBN | DAN AGUNDI TS | Dangi Fly Over, Alu bn Abu Talib, Farm centre Road, State Road, Lugde Road, Audu Bako way, CBN office and Post office Road. | 16 |
| 64 | B | 11KV DAURAMA | DAURA INJECTION SUBSTATION | Daura metropolitan | 16 |
| 65 | B | 11KV BAYAJIDDA | DAURA INJECTION SUBSTATION | Daura metropolitan | 16 |
| 66 | B | 11KV GOVERNMENT HOUSE DUTSE | DUTSE INJECTION SUBSTATION | Government House and Ministry of land Dutse. | 16 |
| 67 | B | 11KV GARU | DUTSE INJECTION SUBSTATION | Fagoji and Garu Emirs palace Road. | 16 |

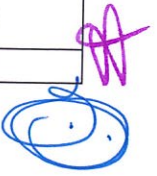


Appendix - 2: KEDCO's Service Level Commitments for May – June 2024

| S/N | Band | Feeder Name | Description of Feeder Location | Name of major streets served by the Feeder | Min. Duration of Supply (Hrs) |
|-----|------|------------------------|-----------------------------------|--|-------------------------------|
| 68 | B | 11KV SANI ABACHA WAY | DUTSE NIPP INJECTION SUBSTATION | Bank road Dutse and G9 Quarters Area. | 16 |
| 69 | B | 11KV TAKUR | DUTSE NIPP INJECTION SUBSTATION | Takur Housing Estate and police head quarters. | 16 |
| 70 | B | 33KV BIRNIN KUDU | DUTSE TS | Kwanar Huguma, Yalwan Damai and Gwaram Town. | 16 |
| 71 | B | 11KV HASSAN USMAN ROAD | FADAMA INJECTION SUBSTATION | Hassan Usman Katsina road and GRA Katsina. | 16 |
| 72 | B | 11KV KADARKO | FADAMA INJECTION SUBSTATION | Kadarko area, Katsina | 16 |
| 73 | B | 11KV DR BALA | FARM CENTER INJECTION SUBSTATION | State Road, Sokoto Road, passport office and Farm centre. | 16 |
| 74 | B | 11KV TARAUNI | FARM CENTER INJECTION SUBSTATION | Tarauni and Daurawa quarters. | 16 |
| 75 | B | 33KV MAMMAN NASIR | FUNTUA TS | Funtua road, Malumfashi injection Substation. | 16 |
| 76 | B | 33KV GAGARAWA | GAGARAWA TS | Gagarawa Town along Hadejia Road. | 16 |
| 77 | B | 11KV KABUGA | GORON DUTSE INJECTION SUBSTATION | Gadon kaya, Salanta and Kuntau Area. | 16 |
| 78 | B | 11KV MAJE | HADEJIA INJECTION SUBSTATION | Malam madori Road. | 16 |
| 79 | B | 11KV SHAGARI | HADEJIA INJECTION SUBSTATION | Shagari Quarters and GRA Hadejia | 16 |
| 80 | B | 11KV FANTAI | HADEJIA NIPP INJECTION SUBSTATION | Hadejia along Kano Road. | 16 |
| 81 | B | 33KV KAFIN HAUSA | HADEJIA TS | Sule Lamido University, Gidan Sugar and Yanleman. | 16 |
| 82 | B | 11KV DANDAGORO | IBB WAY INJECTION SUBSTATION | Federal Secretariat Katsina and Dandagoro | 16 |
| 83 | B | 11KV LOW COST | IBB WAY NIPP INJECTION SUBSTATION | Low cost, Katsina | 16 |
| 84 | B | 11KV SABON GARI | IDH INJECTION SUBSTATION | weather head, Bama Road, gold coast, ijebu balatus and Enugu Road. | 16 |
| 85 | B | 11KV ABUJA ROAD | IDH INJECTION SUBSTATION | France Road, court Road and Middle Road. | 16 |
| 86 | B | 33KV AMPRI GLOBAL | KANKIA TS | Ampri Global Kankia and Zone water treatment plant, Dutsinma | 16 |
| 87 | B | 33KV MUSAWA | KANKIA TS | Kusada, Jikamshi, Tsanyawa and Ghari. | 16 |
| 88 | B | 33KV KAITA | KATSINA TS | Kaita, Dankama, Makurda and High Court, Katsina. | 16 |

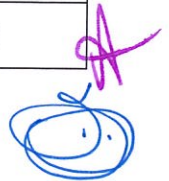
Appendix - 2: KEDCO's Service Level Commitments for May - June 2024

| S/N | Band | Feeder Name | Description of Feeder Location | Name of major streets served by the Feeder | Min. Duration of Supply (Hrs) |
|-----|------|--------------------------|----------------------------------|---|-------------------------------|
| 89 | B | 11KV DAKATA | KAWAJI INJECTION SUBSTATION | Dakata and Kawaji Area. | 16 |
| 90 | B | 11KV YANKABA | KAWAJI INJECTION SUBSTATION | Kawaji, Yankaba Hadejia Road. | 16 |
| 91 | B | 11KV DANLADI NASIDI | MARIRI INJECTION SUBSTATION | Danladi Nasidi Housing Estate. | 16 |
| 92 | B | 11KV YANLEMO | NAIBAWA INJECTION SUBSTATION | Naibawa Zaria Road and Yankatako Area and Maikalwa Area. | 16 |
| 93 | B | 11KV MASARAUTA | NAIBAWA INJECTION SUBSTATION | Naibawa zaria Road and Saadatu Rimi college of Education. | 16 |
| 94 | B | 11KV AIRPORT ROAD | PRP INJECTION SUBSTATION | Airport road, fountain Estate and Jaba Area. | 16 |
| 95 | B | 11KV BELLO DANDAGO | RADIO HOUSE INJECTION SUBSTATION | Radio house. | 16 |
| 96 | B | 11KV HOUSING ESTATE | SHARADA INJECTION SUBSTATION | Housing Estate Area. | 16 |
| 97 | B | 11KV NNDC | SHARADA INJECTION SUBSTATION | NNDC and Sharada Area. | 16 |
| 98 | B | 11KV SHARADA INDUSTRIAL | SHARADA INJECTION SUBSTATION | Gidan Maza, Medile and Sabuwar Gandu Area. | 16 |
| 99 | B | 33KV RIJIYAR ZAKI | TAMBURAWA TS | Kuyan Ta inna Madobi Road, Danbare, BUK new site and R/zaki Area. | 16 |
| 100 | B | 11KV KARKASARA | ZARIA ROAD INJECTION SUBSTATION | karkasara, Hassan Gwarzo secondary and Royal City Estate. | 16 |
| 101 | B | 11KV HAUSAWA | ZARIA ROAD INJECTION SUBSTATION | Bawo Road and Hausawa Masallachin Murtala Road. | 16 |
| 102 | C | 11KV ZAWACIKI | ABATTOIR INJECTION SUBSTATION | Almukab Housing estate, Zawachiki and Gaida Area. | 12 |
| 103 | C | 11KV BICHI TOWN | BICHI INJECTION SUBSTATION | Bichi mini Stadium, Hagagawa, FCE Bichi road and Bichi General hospitals. | 12 |
| 104 | C | 33KV WATARI | BICHI TS | Watari water treatment plant, Bagwai and Shanono | 12 |
| 105 | C | 33KV HON. ABUBAKAR | BICHI TS | Bichi metropolitan | 12 |
| 106 | C | 11KV SCHOOL OF NURSING | BIRNIN KUDU INJECTION SUBSTATION | school of nursing and prison farm House along Maiduguri Road. | 12 |
| 107 | C | 11KV BACHIRAWA | BUKAVU INJECTION SUBSTATION | Kurna and Rijiyar lemo Areas | 12 |
| 108 | C | 11KV FEDERAL SECRETARIAT | BUKAVU INJECTION SUBSTATION | Gwammaja Housing Estate, Yan Rodi and Kwanar Taya Area. | 12 |
| 109 | C | 11KV ORTHOPAEDIC | BUKAVU INJECTION SUBSTATION | Kofar Ruwa, Aminu kano way and Goron Dutse Areas. | 12 |



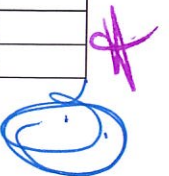
Appendix - 2: KEDCO's Service Level Commitments for May - June 2024

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|-----|------|----------------------|----------------------------------|--|-------------------------------|
| 110 | C | 11KV PANSHEKARA | CHALAWA INJECTION SUBSTATION | Panshekara and Kumbotso Area. | 12 |
| 111 | C | 11KV LAMIDO | CLUB INJECTION SUBSTATION | Lamido Road, Badawa and Kawo Area. | 12 |
| 112 | C | 11KV KOFAR NASSARAWA | DAN AGUNDI INJECTION SUBSTATION | Kofar Nassarawa and Yakasai areas | 12 |
| 113 | C | 11KV CITY | DAN AGUNDI INJECTION SUBSTATION | Emirs' palace Road, Diso Road. | 12 |
| 114 | C | 11KV KOFAR NAISA | DAN AGUNDI INJECTION SUBSTATION | Kofar Naisa, GSS Gwale Road and Filin Mushe. | 12 |
| 115 | C | 33KV LAW SCHOOL | DANGORA TS | Bagauda, Tarau and Garin Mallam Area. | 12 |
| 116 | C | 33KV KARAYE | DANGORA TS | Kwanar Dangora, Kiru and Karaye Town. | 12 |
| 117 | C | 33KV FALGORE | DANGORA TS | Falgore, Gidan Kwano and Yalwan Paki Area. | 12 |
| 118 | C | 33KV KAZAURE | DAURA TS | Daura road, Kazaure injection substation | 12 |
| 119 | C | 33KV MASHI | DAURA TS | Kagawa, Mashi, Dutsi and Mani | 12 |
| 120 | C | 11KV LIMAWA | DUTSE INJECTION SUBSTATION | Limawa, Galmawa and GGC Tiles. | 12 |
| 121 | C | 11KV NAGOGGO | FADAMA INJECTION SUBSTATION | Nagogo road and Sabuwar Unguwa, Katsina | 12 |
| 122 | C | 11KV MUNDADU | GONGONI INJECTION SUBSTATION | Mundadu and Kwarin Barka Area. | 12 |
| 123 | C | 11KV AMINU KANO | GORON DUTSE INJECTION SUBSTATION | Kofar Kankasali Road, Tudun yola, Bajallabe and Rimin Zakara Area. | 12 |
| 124 | C | 11KV SANI MAINAGGE | GORON DUTSE INJECTION SUBSTATION | sani Mainagge and Mandawari Area. | 12 |
| 125 | C | 11KV LAUTAI | GUMEL INJECTION SUBSTATION | Gumel Emirs palace Road and Maigatari Area. | 12 |
| 126 | C | 33KV GUMEL | HADEJIA TS | Malam Madori and Dantanoma and Gumel Palace | 12 |
| 127 | C | 11KV GRA | IBB WAY INJECTION SUBSTATION | Gida dawa, NYSC camp and Kwado | 12 |
| 128 | C | 11KV KANO ROAD | IBB WAY INJECTION SUBSTATION | IBB way, Goron gida and Rafin dadi | 12 |
| 129 | C | 11KV FAGGE | IDH INJECTION SUBSTATION | Fagge and Kofar Wambai and Zage Area. | 12 |
| 130 | C | 33KV DANBATTI | KANKIA TS | Charanchi, Bindawa, Ingawa, Roni Gwiwa and Danbatta | 12 |
| 131 | C | 33KV DUTSENMA | KANKIA TS | Kankia metropolitan, Radda, Dutsinma, Kurfi, Safana and Danmusa | 12 |



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| 132 | C | 11KV JABIRI | KATSINA ROAD INJECTION SUBSTATION | Jabiri area, Funtua | 12 |
| 133 | C | 11KV DUTSEN REME | KATSINA ROAD INJECTION SUBSTATION | DDuties reme, area, | 12 |
| 134 | C | 11KV TOWN | KATSINA ROAD INJECTION SUBSTATION | Dutsen reme area, Funtua | 12 |
| 135 | C | 11KV NAKOWA | KATSINA ROAD INJECTION SUBSTATION | Nokowa area, Funtua | 12 |
| 136 | C | 11KV KANTI | KAZAURE INJECTION SUBSTATION | Kazaure metropolitan | 12 |
| 137 | C | 11KV DANTUNKU | KAZAURE INJECTION SUBSTATION | Kazaure metropolitan | 12 |
| 138 | C | 11KV HOSPITAL ROAD | KOFAR GUGA INJECTION SUBSTATION | Kofar Guga, Gambarawa and CPS Katsina. | 12 |
| 139 | C | 11KV FMC | KOFAR GUGA INJECTION SUBSTATION | Kofar Yandaka and behind FMC Katsina. | 12 |
| 140 | C | 11KV DUTSEN SAFE | KOFAR GUGA INJECTION SUBSTATION | Dutsen safe low cost, Sabon Gida and Filin Sukuwa | 12 |
| 141 | C | 11KV MUHAMMED DIKKO | KOFAR SAURI INJECTION SUBSTATION | Muhd Disco road, Katsina Emir's place and Tudun wada, Katsina | 12 |
| 142 | c | 33KV GAIDA | KUMBOTSO TS | Gaida and Zawachiki Housing Estate. | 12 |
| 143 | C | 11KV CAMPUS | LAW SCHOOL INJECTION SUBSTATION | Law school Campus Bagauda. | 12 |
| 144 | C | 11KV TIGA | LAW SCHOOL INJECTION SUBSTATION | Bebeji and Tiga Town. | 12 |
| 145 | C | 11KV BCGA | MALUMFASHI INJECTION SUBSTATION | BCGA, Malumfashi, Katsina | 12 |
| 146 | C | 11KV GALADIMA | MALUMFASHI INJECTION SUBSTATION | Galadima road, Malumfashi, Katsina. | 12 |
| 147 | C | 11KV MAIDUGURI ROAD | MARIRI INJECTION SUBSTATION | Hotoro Maiduguri Road and Tinshama Area. | 12 |
| 148 | C | 11KV FARAWA | MARIRI INJECTION SUBSTATION | Mariri, Farawa and Gerawa Area. | 12 |
| 149 | C | 11KV TUKUNTAWA | SHARADA INJECTION SUBSTATION | Tukuntawa and Shagari Quarters. | 12 |



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| 150 | C | 11KV MAKAMA | WUDIL INJECTION SUBSTATION | Wudil town area. | 12 |
| 151 | C | 33KV GANO | WUDIL TS | Gano Maiduguri Road, Makole, Mariri Area. | 12 |
| 152 | C | 11KV KUNDILA | ZARIA ROAD INJECTION SUBSTATION | Kundilia Housing Estate Maiduguri Road. | 12 |
| 153 | C | 11KV SALLARI | ZARIA ROAD INJECTION SUBSTATION | Sallari, Sheka Yarkasuwa and Aci Lafiya Area. | 12 |
| 154 | C | 11KV UNGUWA UKU | ZARIA ROAD INJECTION SUBSTATION | Unguwa uku, Naibawa Danhassan line. | 12 |
| 155 | C | 11KV HOTORO | ZARIA ROAD INJECTION SUBSTATION | Hotoro Maiduguri Road and Tishama Area. | 12 |
| 156 | C | 11KV MARHABA | ZARIA ROAD INJECTION SUBSTATION | Court Road Gyadi Gyadi and Zoo Road housing Estate. | 12 |
| 157 | D | 11KV SAGAGI | ADO BAYERO INJECTION SUBSTATION | Sagagi and Lokon Makera Area. | 8 |
| 158 | D | 11KV TUDUN WADA | BRISCOE INJECTION SUBSTATION | Gama and Gawauna Area Brigade. | 8 |
| 159 | D | 11KV GWAGWARWA | BRISCOE INJECTION SUBSTATION | Gwagwarwa, Yankaji and Kwanar Jaba Area. | 8 |
| 160 | D | 11KV FANISAU | BUKAYU INJECTION SUBSTATION | Fanisau Road, Ungogo Town and Bachirawa Areas. | 8 |
| 161 | D | 33KV SUMAILA | DUTSE TS | Mobile base Danmasara, Kachako and panda along Maiduguri Road. | 8 |
| 162 | D | 33KV JAHUN | DUTSE TS | Karmaya, Chai chai, Ringim and Taura Town. | 8 |
| 163 | D | 33KV MALUMFASHI | FUNTUA TS | Bakori, Kafur, Dana and Kankara | 8 |
| 164 | D | 11KV JAEN | GONGONI INJECTION SUBSTATION | Jaen and Shago Tara Areas. | 8 |
| 165 | D | 11KV CHIRANCI | GONGONI INJECTION SUBSTATION | Dorayi shek Jafar Mahmud Road and Chiranchi Area. | 8 |
| 166 | D | 11KV JAKARA | GORON DUTSE INJECTION SUBSTATION | Goron Dutse Prison Road and Jakara Area. | 8 |
| 167 | D | 11KV JAMAARE | HADEJIA NIPP INJECTION SUBSTATION | Hadejia Town. | 8 |
| 168 | D | 33KV BIRNIWA | HADEJIA TS | Birniwa and Tarubu and Garin Maggiji Area. | 8 |
| 169 | D | 11KV ARMY BARRACKS | IBB WAY NIPP INJECTION SUBSTATION | Kofar kwaya, Yahaya maddaki way and Rahamawa. | 8 |
| 170 | D | 11kv GWAMMAJA | IDH INJECTION SUBSTATION | Gwammaja and Adakawa Area. | 8 |
| 171 | D | 11KV KOKI | IDH INJECTION SUBSTATION | Koki and Bakin Zuwo Areas. | 8 |
| 172 | D | 11KV TALAMIZ | JOGANA INJECTION SUBSTATION | Gunduwawa, Kakara and Jogana Area. | 8 |

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| 173 | D | 11KV TSAMIYA BABBA | JOGANA INJECTION SUBSTATION | Tokarawa, Gunduwawa and Babawa Area along Hadejia Road. | 8 |
| 174 | D | 33KV POLYTECHNIC | KATSINA TS | Rimi and Batagarawa | 8 |
| 175 | D | 33KV BAGAUDA | KUMBOTSO TS | Kumbotso LGA, Yankusa, Dangwauro, Kwanar Dawaki and Bunkure Area. | 8 |
| 176 | D | 11KV MAKWALLA | MALAN MADORI INJECTION SUBSTATION | Malam madori Town. | 8 |
| 177 | D | 11KV KOFAR FADA | MUSAWA INJECTION SUBSTATION | Musawa metropolitan | 8 |
| 178 | D | 11KV MATAZU | MUSAWA INJECTION SUBSTATION | Matazu metropolitan | 8 |
| 179 | D | 11KV KAURA GOJE | PRP INJECTION SUBSTATION | Kaura goje and Kwana hudu Area. | 8 |
| 180 | D | 11KV TUDUN MURTALA | SMALL SCALE INJECTION SUBSTATION | Tudun murtala and Tagarji Areas. | 8 |
| 181 | D | 11KV RIMIN KEBE | SMALL SCALE INJECTION SUBSTATION | Rimin kebe and Zango Dakata Area. | 8 |
| 182 | D | 33KV GUJUNGU | TAMBURAWA TS | Entire Gujunju Town | 8 |
| 183 | E | 33KV DAWANAU | BUKAVU INJECTION SUBSTATION | Polewire Line, Jajira, Katsinawa and Dawanau Areas. | 4 |
| 184 | E | 33KV MAI ADUA | DAURA TS | Mai adua | 4 |
| 185 | E | 33KV DANDUME | FUNTUA TS | Entire Dandume Town and Sabuwa | 4 |
| 186 | E | 33KV GEZAWA | SMALL SCALE INJECTION SUBSTATION | Zauran Danbaba, Zangon Dakata, Rangaza, Gezawa and Kunya Town. | 4 |
| 187 | E | 33KV KWANKWASO | TAMBURAWA TS | Garu, Lambu, Rimi Gado and Gwarzo Town. | 4 |
| 188 | E | 11KV MAI RUWA | TEXTILE INJECTION SUBSTATION | Entire Mairuwa Town, Katsina. | 4 |
| 189 | E | 33KV GAYA | WUDIL INJECTION SUBSTATION | Gaya, Kademi and Ajingi town. | 4 |
| 190 | E | 33KV GARKO | WUDIL TS | Indabo, Kwanar Sumaila, Takai and Garko town. | 4 |