



ORDER NO/NERC/210/2020

**BEFORE THE NIGERIAN ELECTRICITY REGULATORY COMMISSION
IN THE MATTER OF THE AMENDMENT OF THE ORDER ON THE CAPPING OF ESTIMATED
BILLS FOR ABUJA ELECTRICITY DISTRIBUTION PLC**

Title

1. This regulatory instrument may be cited as the **AMENDED ORDER ON THE CAPPING OF ESTIMATED BILLS FOR ABUJA ELECTRICITY DISTRIBUTION PLC.**

Commencement and Amendment

2. This Order amends Order No/NERC/197/2020 (Order on the Capping of Estimated Bills in the Nigerian Electricity Supply Industry) that was issued by the Nigerian Electricity Regulatory Commission ("NERC" or the "Commission") on 20 February 2020. This Amended Order on the Capping of Estimated Bills for Abuja Electricity Distribution Plc ("AEDC") shall take effect from 1 November 2020 and shall cease to have effect on the issuance of a new Order on the same subject matter by the Commission.

Context

3. The Commission is mandated by section 32(1)(a) of the Electric Power Sector Reform Act 2004 ("EPSRA") to *"create, promote, and preserve efficient industry and market structures, and to ensure the optimal utilisation of resources for the provision of electricity services".*
4. The Commission pursuant to section 96 of EPSRA; which provides that *"the Commission may make regulations prescribing all matters which are by this Act are required or permitted to be prescribed or which, in the opinion of the Commission, are necessary or convenient to be prescribed for carrying out or giving effect to this Act"*; issued the following regulations to address the issue of downstream revenue assurance between distribution licensees ("DisCos") and their customers –
 - a. the Nigerian Electricity Regulatory Commission's Connection and Disconnection Procedures for Electricity Services 2007.
 - b. the Nigerian Electricity Regulatory Commission's Meter Reading, Billing, Cash Collection and Credit Management for Electricity Supplies Regulations 2007.

- c. the Methodology for Estimated Billing Regulations 2012.
- 5. DisCos are required to meter customers in accordance with requisite standards of performance. The legacy situation at acquisition of majority stake in the distribution assets from government was that the majority of customers were unmetered and there has been little change in the situation as the deployment of meters by DisCos has been outpaced by the growth in customer numbers in NESI. Data received from the ongoing customer enumeration exercise indicates that the customer population has grown from 5million in 2012 to over 10million as at December 2019 with about 52% of the population being invoiced on the basis of estimated billing.
- 6. The need for the introduction of a standard methodology of estimated billing in NESI became inevitable during the transitional period required to close the metering gap and the Methodology for Estimated Billing Regulations was introduced as a means of ensuring that customers were not issued arbitrary bills that were unrelated to actual consumption or any other metric for estimating their energy consumption. Section 3 of the Methodology for Estimated Billing Regulations provides that "*the following categories of customers may be issued estimated bills –*

 - a. *Customers with faulty meters: These are existing customers who have been issued meters which are no longer functional.*
 - b. *Customers whose meters cannot be read: These are customers whose meter readings could not be obtained by the DisCo due to inaccessibility occasioned by locked doors, customers not being at home at the time of reading the meter, presence of dogs on the premises, etc.*
 - c. *Existing customers without meters: These are directly connected customers that have not been provided with meters."*

- 7. The successful implementation of the Methodology for Estimated Billing Regulations was hindered by the inadequate level of metering of feeders and distribution transformers which form the source data for the effective application of the estimation methodology.
- 8. The inadequacy of accurate data required for the estimation of consumption of unmetered consumers produced the most significant customer complaints with non-provision of meters and unrealistic billing of unmetered customers accounting for over 65% of complaints lodged at customer care centers of DisCos, disputes filed at Forum Offices and subsequent appeals to the Commission.
- 9. The significant level of customer dissatisfaction arising from unrealistic estimated bills have also adversely impacted on the market revenues as a consequence of customer apathy and declining willingness to settle their invoices in full.

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10. The most recent initiative of the Commission to fast track the closure of the metering gap was the issuance of the Meter Asset Provider (“MAP”) Regulations with a target of metering all customers within 3 years. The MAP Regulation was approved on 8 March 2018 to achieve the following objectives:
 - a. Encourage the development of independent and competitive meter services in NESI.
 - b. Eliminate estimated billing practices in NESI.
 - c. Attract private investment in the provision of metering services in NESI.
 - d. Close the metering gap through accelerated meter roll out in NESI.
 - e. Enhance revenue assurance in NESI.
11. The third-party investors for the provision of meters under the MAP Regulations have been procured by AEDC, under a competitive framework of the said Regulations, to provide meters to customers based on multiple financing options. However, several constraints including changes in fiscal policy and the limited availability of long-term funding have led to limited success in the meter roll out. The imperative for mitigating the risk of unrealistic and arbitrary billing of unmetered customers however remains a key priority during the transitional period until Commission’s target of “meters for all” in the MAP Regulations is achieved in NESI.
12. All customers of AEDC are classified on the basis of consumption/use into the following categories –
 - a. Non-Maximum Demand (Non-MD): These are customers with single or three phase connection at 0.400kV feeder level. This includes all customers previously classified as R2, C1, D1, and A1 (single and three phase).
 - b. Low Voltage Maximum Demand (MD 1): These are grid connected customers with low voltage (LV) Maximum Demand connection and include all customers previously classified as R3, C2, D2, and A2 Street Light.
 - c. Medium/High Voltage Maximum Demand (MD 2): These are grid connected customers with medium voltage (MV)/high voltage (HV) Maximum Demand (11/33kV) connection. These include all customers previously classified as R4, C3, D3, and A3.
 - d. High Voltage Maximum Demand Special (MD3). These are grid connected commercial and industrial customers with average monthly energy consumption of 6.3MWh/h.
 - e. Lifeline Customers (R1): These are grid connected customers with consumption of not more than 50kWh/month.



13. The Commission had issued a directive to all DisCos in June 2016 on the mandatory metering of all maximum demand ("MD") customers in NESI no later than 30 November 2016. The deadline was subsequently extended to 1 March 2017 at the instance of the DisCos and the Commission thereafter issued the following directives –
 - a. *"Any MD customer not provided a meter by 1 March 2017 shall not pay any electricity bill presented by a DisCo on the basis of estimated billing methodology and these customers are advised to report to the Commission.*
 - b. *No DisCo shall disconnect any MD customer that was not metered by 1 March 2017 on the basis of the customer's refusal to pay an invoice issued on the basis of estimated billing after the compliance deadline.*
14. The Commission issued Order No/NERC/183/2019 on the mandatory migration of R3 class of residential customers, industrial and commercial customers to cashless settlement platforms and other matters relating to revenue protection in NESI on 30 December 2019. Paragraph 13 of the Order provides that *"all DisCos shall ensure full accountability of energy flow with the installation of appropriate metering infrastructure that is integrated with the customer management system of all industrial, commercial and R3 class of residential customers by 31 December 2020".*
15. The Commission issued Order No/NERC/197/2020 (Order on the Capping of Estimated Bills in the Nigerian Electricity Supply Industry) on 20 February 2020.
16. The Order on the Capping of Estimated Bills in the Nigerian Electricity Supply Industry on the Capping of Estimated Bills repealed the Methodology for Estimated Billing of 2012 and also addressed the practice of arbitrary billing of unmetered Non-MD customers while seeking to fast track the deployment of meters through the Meter Asset Provider (MAP) Scheme.
17. The Order on the Capping of Estimated Bills in the Nigerian Electricity Supply Industry on the Capping of Estimated Bills provides that *"the Commission shall periodically review the meter deployment targets achieved by DisCos and shall on a quarterly basis review the base data on the vending records and supply availability for the purpose of reviewing the energy caps".*
18. AEDC filed submissions with the Commission for the review of the energy caps of unmetered customers in consideration of –
 - a. The effect of the energy cap methodology on actual consumption of electricity by end-use customers.
 - b. The consequential impact of the Covid-19 pandemic on meter deployment by MAPs.
 - c. The non-commensurate payment for electricity consumed by end-use customers.

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Determination of Energy Caps

19. AEDC proposed the following methodologies for the determination of energy caps in their submissions –
 - a. Adoption of weighted averages of metered prepaid and postpaid end-use customers on the basis of actual consumption data of these customers from feeders and distribution transformers.
 - b. Adoption of an incremental factor on energy caps of unmetered end-use customers on the basis of actual consumption data from feeders and distribution transformers from business units in the AEDC's network.
 - c. Adoption of consumption data of metered end-use customers whose meters had been verified in the business units in the AEDC's network.
20. The submissions of AEDC were backed by supporting documentation on the data and signed-off by the Managing Director.
21. The Commission considered the submission of AEDC and approved the methodology in 19(a) above as the basis for the review of energy caps of unmetered customers in NESI.

THE COMMISSION HEREBY ORDERS as follows –

- A. The energy caps of unmetered end-use non-maximum demand ("Non-MD") customers of AEDC shall be computed on the basis of the weighted averages of prepaid and postpaid metered end-use customers on the basis of actual consumption data of these customers from feeders and distribution transformers.
- B. All unmetered Non-MD customers of AEDC shall not be billed for the consumption of energy beyond the cap stipulated in Schedule 1 of this Order.
- C. The energy caps prescribed by the Commission shall only apply to Non-MD customers.
- D. Non-MD customers under tariff bands D and E whose tariffs have been frozen shall have their tariffs computed using corresponding tariff rates of R2 and C1 under previous tariff classification.
- E. Details of the business unit, feeder/distribution transformer name, tariff class and rates shall be disclosed on all bills and receipts issued to customers by AEDC.
- F. Any customer that rejects the installation of a meter on their premises by AEDC shall not be entitled to supply and MUST BE DISCONNECTED by AEDC, and shall only be reconnected to the network after the meter has been installed.
- G. AEDC shall notify customers of any outstanding bills on their account and agree a payment plan for the settlement of amount due prior to installing a meter on the customer's premises.
- H. Where a customer's meter becomes faulty and a replacement meter cannot be provided by the AEDC within 2 working days, the customer shall be billed an average of the last 3



month's billing/vending in accordance with section 16(5) of the MAP Regulations until the meter is replaced.

- I. The Commission shall periodically review the meter deployment target achieved by AEDC and shall on a quarterly basis review the base data on vending records and supply availability for the purpose of reviewing the energy caps prescribed in this Order.

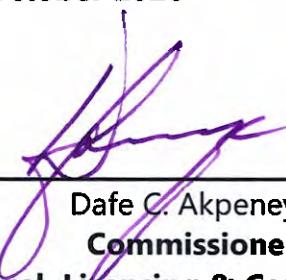
Amendment

22. The Commission may amend this Order by making supplementary or further Orders to address the subject matter.

Dated this 30th day of October 2020



James A. Momoh
Chairman



Dave C. Akpeneye
Commissioner
Legal, Licensing & Compliance

Schedule 1

Abuja Electricity Distribution Company Plc

Monthly Energy Cap			
Business Unit	FEEDER	Non-MD Service Band	Cap (kWh)
Ado	AT9_K1_A22_FD5	A	53
	AT9_K2_PL_PL	B	83
	AT9_K5_PL_PL	B	106
	AT9_K1_A22_FD2	C	71
	AT9_K1_A22_FD3	C	92
	AT9_K1_A22_FD4	C	75
	AT9_K3_PL_PL	C	239
	AT9_K4_A23_FD2	C	53
	AT9_K4_A23_FD8	C	53
	AT9_K4_PL_PL	C	175
	AT8_UKE/MASAKA_PL_PL	D	101
	AT9_K5_J32_FD1	D	79
	AT9_K4_J22_FD1	E	104
	AT9_K4_J22_FD2	E	104
	AT9_K4_J22_FD3	E	99
	AT9_K4_J22_FD4	E	113
	AT9_K5_J32_FD2	E	117
	AT9_K5_J32_FD7	E	73
	AT9_K5_J32_FD8	E	111
Akwanga	Feeder	Non-MD Service Band	Cap (kWh)
	AT7_FDR 1 (AKWANGA FDR)_PL_PL	A	412
	AT7_FDR 2 (LAFIA)_PL_PL	A	93
	AT7_FDR 3 (WATERBOARD)_PL_PL	A	164
	AT7_FDR 1 (AKWANGA FDR)_A20_FD1	D	87
	AT7_FDR 1 (AKWANGA FDR)_A20_FD2	D	81
	AT7_FDR 2 (LAFIA)_A28_FD1	D	139
Apo	AT7_FDR 3 (WATERBOARD)_L16_FD1	E	92
	Feeder	Non-MD Service Band	Cap (kWh)
	AT3_H1_G22_1LEFT	A	496
	AT3_H1_G22_2LEFT	A	836
	AT3_H1_G22_4LEFT	A	156
	AT3_H1_G22_7LEFT	A	369
	AT3_H2_G32_6B	A	95
	AT3_H2_G32_7A	A	113

	AT3_H2_G32_8B	A	218
	AT3_H2_G4_2A	A	542
	AT3_H2_G4_3B	A	210
	AT3_H2_G4_4B	A	97
	AT3_H2_G4_7B	A	96
	AT3_H2_PL_PL	A	289
	AT3_H3_R4_FD6	A	172
	AT3_H3_R5_5B	A	495
	AT3_H31_PL_PL	A	334
	AT3_H31_S22_4A	A	436
	AT3_H31_S22_4B	A	586
	AT3_H31_S23_2A	A	341
	AT3_H31_S23_2B	A	366
	AT3_H31_S23_3B	A	301
	AT3_H31_S23_4A	A	269
	AT3_H31_S24_FD1	A	514
	AT3_H31_S24_FD2	A	384
	AT3_H33_PL_PL	A	357
	AT3_H33_RST_FD1	A	156
	AT3_H33_RST_FD2	A	114
	AT3_H35_PL_PL	A	298
	AT3_H37_PL_PL	A	272
	AT3_H37_S26_BEHIND TRANSMISSION	A	431
	AT3_H37_S26_K10	A	326
	AT3_H37_S26_TRADEMORE FD	A	204
	AT3_H5_R3_4A	A	542
	AT3_H5_R6_2B	A	99
	KUKWABA_L34_B6_3A	A	306
	KUKWABA_L34_B6_4B	A	111
	KUKWABA_L34_B6_6B	A	381
	KUKWABA_L34_PL_PL	A	155
	KUKWABA_L34_WUYE2_7A	A	119
	AT3_H1_G22_5&8LEFT	A	236
	AT3_H31_S23_1A	B	333
	KUKWABA_L31_PL_PL	B	265
	KUKWABA_L31_S25_GV	B	339
	KUKWABA_L32_PL_PL	B	175
	KUKWABA_L31_PL_PL	B	220
	KUKWABA_L31_PL_PL	B	348
	KUKWABA_L31_PL_PL	B	271
	AT3_H21_E2_FD2	C	362
	AT3_H21_E2_FD22	C	260

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	AT3_H21_E2_FD5	C	175
	AT3_H21_PL_PL	C	280
	Feeder	Non-MD Service Band	Cap (kWh)
	AT3_H1_G22_1LEFT	A	413
	AT3_H1_G22_2LEFT	A	977
	AT3_H1_G22_7LEFT	A	452
	AT3_H1_G24_FD24	A	950
	AT3_H1_G25_FD3	A	475
	AT3_H2_G32_2B	A	227
	AT3_H2_G32_3B	A	353
	AT3_H2_G32_5A	A	525
	AT3_H2_G32_6A	A	199
	AT3_H2_G32_7A	A	61
	AT3_H2_G32_8B	A	57
	AT3_H2_PL_PL	A	372
	AT3_H3_R4_FD3	A	446
	AT3_H3_R4_FD4	A	475
	AT3_H3_R4_FD6	A	468
	AT3_H3_R5_1B	A	409
	AT3_H3_R5_2B	A	544
	AT3_H3_R5_3A	A	505
	AT3_H3_R5_4B	A	468
	AT3_H3_R5_5A	A	331
	AT3_H3_R5_5B	A	157
	AT3_H3_R5_6A	A	613
	AT3_H3_R5_6B	A	408
	AT3_H31_PL_PL	A	189
	AT3_H31_S23_2A	A	160
	AT3_H33_PL_PL	A	999
	AT3_H35_PL_PL	A	475
	AT3_H37_PL_PL	A	68
	AT3_H37_S26_K10	A	119
	AT3_H37_S26_TRADEMORE FD	A	306
	AT3_H5_R2_FD14	A	893
	AT3_H5_R2_FD17	A	853
	AT3_H5_R2_FD6	A	950
	AT3_H5_R2_FD7	A	863
	AT3_H5_R2_FD9	A	780
	AT3_H5_R3_1A	A	950
	AT3_H5_R3_2B	A	121
	AT3_H5_R3_3A	A	950
	AT3_H5_R3_3B	A	738

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	AT3_H5_R3_4A	A	950
	AT3_H5_R3_6B	A	931
	AT3_H5_R6_1B	A	642
	AT3_H5_R6_2B	A	733
	AT3_H5_R6_3B	A	268
	AT3_H5_R6_5A	A	176
	AT3_H5_R7_2A	A	923
	AT3_H5_R7_3A	A	871
	AT3_H5_R7_4A	A	275
	AT5_FDR 3_B32_FD1	A	178
	AT5_FDR 6_C2_7B	A	144
	AT5_FDR 7_M2_2A	A	475
	AT5_FDR 7_M2_5B	A	173
	AT5_FDR 7_PL_PL	A	475
	AT5_FDR2 & FDR4_B33_3B	A	103
	AT5_FDR2 & FDR4_B33_6A	A	863
	AT5_FDR2 & FDR4_B33_6B	A	531
	AT3_H3_R4_FD4	A	592
	AT3_H5_R6_2B	A	901
	AT3_H2_PL_PL	A	950
	AT3_H23_PL_PL	B	120
	AT3_H31_S23_1A	B	268
	AT3_H21_E2_FD2	C	112
	AT3_H21_E2_FD5	C	124
	AT3_H21_PL_PL	C	397
	AT3_H5_R7_5A	C	383

	Feeder	Non-MD Service Band	Cap (kWh)
Bida	MINNA_FUT_PL_PL	B	57
	MINNA_MAIKUNKELE		
	FDR_MAIKUNKELE_AIRPORT	B	64
	BIDA_T3_BIDA_ARMY BARRACK	D	561
	BIDA_T3_BIDA_TOWN FDR	D	258
	BIDA_T4_BIDA_GRA FDR	D	152
	MINNA_LAPAI_PAIKO_PAIKO FD	D	132
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_BOSSO ROAD	D	169
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_MAITUMBI	D	85
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_PIGGERY	D	142
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_TUNGA	D	91
	MINNA_T4_INJ_CHANCHAGA	D	67
	MINNA_T4_TS_PARLIAMENTARY	D	75

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	MINNA_T4_TS_SHIRORO	D	74
	BIDA_T4_BIDA_GRA FDR	D	89
	BIDA_T4_BIDA_GRA FDR	D	75
	BIDA_AGAIE_PL_PL	E	97
	BIDA_DOKO_PL_PL	E	70
	BIDA_KUTIGI_PL_PL	E	100
	BIDA_LEMU/WUSHISHI_WUSHISHI_WUSHISHI FD	E	62
Bosso	Feeder	Non-MD Service Band	Cap (kWh)
	MINNA_FUT_PL_PL	B	66
	MINNA_MAIKUNKELE FDR_MAIKUNKELE_AIRPORT	B	69
	MINNA_ZARUMAI_ZARUMAI_FD4	B	75
	BIDA_T3_BIDA_TOWN FDR	D	59
	BIDA_T4_BIDA_GRA FDR	D	88
	MINNA_BIRIGI_PL_PL	D	101
	MINNA_KATAREGI_PL_PL	D	215
	MINNA_MAIKUNKELE FDR_MAIKUNKELE_MAIKUNKELE	D	58
	MINNA_MAIKUNKELE FDR_MAIKUNKELE_TUDUN FULANI	D	115
	MINNA_POWER HOUSE FDR_POWERHOUSE_BOSSO ROAD	D	128
	MINNA_POWER HOUSE FDR_POWERHOUSE_MAITUMBI	D	84
	MINNA_POWER HOUSE FDR_POWERHOUSE_PIGGERY	D	62
	MINNA_POWER HOUSE FDR_POWERHOUSE_TUNGA	D	96
	MINNA_T3_PL_PL	D	178
	MINNA_T4_INJ_CHANCHAGA	D	162
	MINNA_T4_TS_PARLIAMENTARY	D	64
	MINNA_T4_TS_SHIRORO	D	226
	MINNA_ZARUMAI_ZARUMAI_DUTSEN KURA	D	101
	MINNA_ZARUMAI_ZARUMAI_GRA	D	72
	MINNA_ZARUMAI_ZARUMAI_HAJJ CAMP	D	186
	BIDA_LEMU/WUSHISHI_WUSHISHI_WUSHISHI FD	E	345
	BIDA_LEMU/WUSHISHI_WUSHISHI_ZUNGERU FDR	E	116
Bwari	Feeder	Non-MD Service Band	Cap (kWh)
	AT4_DAM FDR_K32_FD2	A	112
	AT4_DAM FDR_K32_FD3	A	116
	AT4_DAWAKI FDR_PL_PL	A	144
	AT4_DAWAKI FDR_T2_FD1	A	77

	AT4_KUBWA FDR_PL_PL	A	84
	AT4_DAM FDR_K32_FD2	A	88
	AT2_GWARINPA FDR_PL_PL	A	115
	AT2_GWARINPA FDR_PL_PL	A	107
	AT4_DAWAKI FDR_M44_FD2	B	208
	AT4_DAWAKI FDR_T2_FD2	B	74
	AT4_DEIDEI FDR_PL_PL	B	109
	AT4_BWARI FDR_K3_FD3	C	156
	AT4_BWARI FDR_PL_PL	C	119
	AT4_KUBWA FDR_K2_FD1	C	104
	AT4_KUBWA FDR_K2_FD2	C	120
	AT4_KUBWA FDR_K2_FD3	C	132
	AT4_KUBWA FDR_K2_FD4	C	112
	AT4_NIPP FDR_NIPP_FDN1	C	110
	AT4_BWARI FDR_PL_PL	C	74
	AT4_BWARI FDR_PL_PL	C	69
	AT4_KUBWA FDR_K2_FD1	C	97
	AT4_BWARI FDR_K3_FD1	D	72
	AT4_BWARI FDR_K3_FD1	D	103
	Feeder	Non-MD Service Band	Cap (kWh)
Garki	AT3_H1_G22_1LEFT	A	312
	AT3_H1_G22_2LEFT	A	299
	AT3_H1_G22_4LEFT	A	201
	AT3_H1_G22_5&8LEFT	A	649
	AT3_H1_G22_7LEFT	A	432
	AT3_H1_G24_FD2	A	59
	AT3_H1_G24_FD21	A	788
	AT3_H1_G24_FD24	A	637
	AT3_H1_G24_FD6	A	53
	AT3_H1_G24_FD7	A	613
	AT3_H1_G25_FD3	A	222
	AT3_H2_G32_1B	A	184
	AT3_H2_G32_2B	A	394
	AT3_H2_G32_3B	A	465
	AT3_H2_G32_4A	A	252
	AT3_H2_G32_5A	A	740
	AT3_H2_G32_5B	A	402
	AT3_H2_G32_6A	A	714
	AT3_H2_G32_6B	A	266
	AT3_H2_G32_7A	A	137
	AT3_H2_G32_7B	A	287
	AT3_H2_G32_8B	A	399

MA

AT3_H2_G4_1B	A	422
AT3_H2_G4_2A	A	384
AT3_H2_G4_2B	A	542
AT3_H2_G4_3B	A	191
AT3_H2_G4_4B	A	578
AT3_H2_G4_5A	A	188
AT3_H2_G4_7B	A	370
AT3_H2_G4_8A	A	563
AT3_H2_PL_PL	A	442
AT3_H3_R4_FD6	A	225
AT3_H3_R5_2B	A	708
AT3_H3_R5_3A	A	480
AT3_H3_R5_4B	A	813
AT3_H3_R5_5A	A	411
AT3_H3_R5_5B	A	392
AT3_H3_R5_6A	A	144
AT3_H3_R5_6B	A	690
AT3_H31_PL_PL	A	146
AT3_H31_S22_4A	A	115
AT3_H31_S23_2B	A	155
AT3_H33_PL_PL	A	404
AT3_H35_PL_PL	A	658
AT3_H5_R2_FD14	A	703
AT3_H5_R2_FD17	A	557
AT3_H5_R2_FD7	A	341
AT3_H5_R2_FD9	A	389
AT3_H5_R3_1A	A	631
AT3_H5_R3_3A	A	528
AT3_H5_R3_3B	A	659
AT3_H5_R3_4A	A	701
AT3_H5_R3_6B	A	636
AT3_H5_R6_1B	A	786
AT3_H5_R6_2B	A	535
AT5_FDR 3_B32_FD1	A	59
AT5_FDR 3_B32_FD2	A	108
AT5_FDR 3_B32_FD3	A	76
AT5_FDR 3_B32_FD4	A	192
AT5_FDR 5_G2_5B	A	260
AT5_FDR 5_G2_7A	A	276
AT5_FDR 5_G2_7B	A	179
AT5_FDR 5_G2_8B	A	125
AT5_FDR 5_G42_FDL1	A	258

A handwritten signature in blue ink, followed by the initials "MA" in a smaller font.

	AT5_FDR_5_ICC_FD1	A	72
	AT5_H1_G25_FD23	A	192
	AT3_H1_G22_5&8LEFT	A	393
	AT3_H3_R4_FD4	A	482
	AT3_H5_R6_2B	A	669
	AT3_H2_PL_PL	A	999
	AT3_H21_E2_FD2	C	105
	AT3_H21_E2_FD22	C	259
	AT3_H21_E2_FD5	C	127
	AT3_H21_PL_PL	C	206
Gwagwalada	Feeder	Non-MD Service Band	Cap (kWh)
	AT4_DAWAKI FDR_PL_PL	A	148
	AT4_KUBWA FDR_PL_PL	A	92
	GW_L31_PL_PL	B	50
	GW_L36_PL_PL	B	531
	GW_L36_PL_PL	B	130
	GW_L36_L2_FD1	D	60
	GW_L36_L2_FD2	D	50
	GW_L36_L2_FD4	D	56
	GW_L36_L5_FD1	D	56
	GW_L36_L2_FD1	D	320
	GW_L36_L2_FD1	D	118
	GW_L36_L2_FD1	D	79
	GW_L36_L5_FD2	D	220
	GW_L36_L5_FD2	D	123
	GW_L36_L5_FD2	D	72
	GW_L36_L5_FD2	D	144
Gwarimpa	Feeder	Non-MD Service Band	Cap (kWh)
	AT2_GWARINPA FDR_M42_K12	A	318
	AT2_GWARINPA FDR_M42_K14	A	500
	AT2_GWARINPA FDR_M42_K5	A	401
	AT2_GWARINPA FDR_M42_K6	A	309
	AT2_GWARINPA FDR_M43_ADKAN	A	471
	AT2_GWARINPA FDR_PL_PL	A	348
	AT2_GWARINPA FDR_T1_FDE	A	353
	AT2_JAHI FDR_PL_PL	A	295
	AT2_LIFECAMP FDR_PL_PL	A	252
	AT2_MB_P_C3_1A	A	170
	AT2_MB_P_C3_2B	A	113
	AT2_WUSE_2 FDR_B52_1B	A	185
	AT2_WUSE_2 FDR_B52_2A	A	92
	AT2_WUSE_2 FDR_B52_4A	A	235

Os MA

	AT2_WUSE 2 FDR_PL_PL	A	552
	AT4_DAWAKI FDR_PL_PL	A	480
	AT4_DAWAKI FDR_T2_FD1	A	102
	AT4_KUBWA FDR_PL_PL	A	429
	AT2_GWARINPA FDR_PL_PL	A	215
	AT2_LIFECAMP FDR_PL_PL	A	211
	AT2_LIFECAMP FDR_PL_PL	A	532
	AT2_GWARINPA FDR_M42_K6	A	289
	AT2_GWARINPA FDR_CHARLY BOY_FD1	B	494
	AT2_GWARINPA FDR_M43_SETRACO	B	371
	AT2_JABI FDR_PL_PL	B	173
	AT2_LIFECAMP FDR_T1_LINE E	B	232
	AT2_LIFECAMP FDR_T1_LINE H	B	222
	AT4_DAWAKI FDR_M44_FD1	B	425
	AT4_DAWAKI FDR_M44_FD2	B	424
	AT4_DEIDEI FDR_MOPOL_FD2	B	103
	AT4_DEIDEI FDR_PL_PL	B	57
	AT2_LIFECAMP FDR_T1_LINE A	C	104
	AT4_BWARI FDR_PL_PL	C	155
	AT4_KUBWA FDR_K2_FD1	C	388
	AT4_KUBWA FDR_K2_FD2	C	280
	AT4_NIPP FDR_NIPP_FDN1	C	102
	AT4_KUBWA FDR_K2_FD2	C	382
	AT4_KUBWA FDR_K2_FD4	C	189
Idah	Feeder	Non-MD Service Band	Cap (kWh)
	AJAOKUTA_STEEL_PL_PL	A	432
	AJAOKUTA_WEST AFRICAN CERAMICS_PL_PL	A	153
	AJAOKUTA_ANYINGBA/IDAH_PL_PL	E	187
Jabi	Feeder	Non-MD Service Band	Cap (kWh)
	AT2_GWARINPA FDR_M42_K14	A	297
	AT2_GWARINPA FDR_M42_K5	A	531
	AT2_GWARINPA FDR_M43_ADKAN	A	225
	AT2_GWARINPA FDR_PL_PL	A	225
	AT2_GWARINPA FDR_T1_FDE	A	604
	AT2_JABI FDR_PL_PL	A	286
	AT2_LIFECAMP FDR_PL_PL	A	681
	AT2_MB_P_C3_5B	A	129
	AT2_WUSE 2 FDR_B5_2A	A	416
	AT2_WUSE 2 FDR_B5_4A	A	160
	AT2_WUSE 2 FDR_B52_1B	A	171
	AT2_WUSE 2 FDR_B52_3A	A	389
	AT2_WUSE 2 FDR_B52_3B	A	108

A handwritten signature in blue ink, appearing to read "Ogutu MA".

AT2_WUSE 2 FDR_B52_4A	A	119
AT2_WUSE 2 FDR_PL_PL	A	531
AT5_FDR 3_B32_FD1	A	319
AT5_FDR 3_B32_FD2	A	548
AT5_FDR 3_B32_FD3	A	105
AT5_FDR 3_B32_FD4	A	217
AT5_FDR 3_PL_PL	A	472
AT5_FDR 5_PL_PL	A	227
AT5_FDR 6_C2_7B	A	345
AT5_FDR 6_C2_8A	A	73
AT5_FDR 6_C4_3A	A	261
AT5_FDR 6_C4_3B	A	531
AT5_FDR 7_M2_2A	A	396
AT5_FDR 7_M2_2B	A	407
AT5_FDR 7_M2_3A	A	696
AT5_FDR 7_M2_3B	A	427
AT5_FDR 7_M2_5A	A	531
AT5_FDR 7_M2_5B	A	484
AT5_FDR 7_M2_6A	A	394
AT5_FDR 7_M2_7A	A	355
AT5_FDR 7_PL_PL	A	401
AT5_FDR2 & FDR4_B33_3B	A	117
KUKWABA_L34_B6_2A	A	290
KUKWABA_L34_B6_3A	A	424
KUKWABA_L34_B6_4B	A	451
KUKWABA_L34_B6_5B	A	384
KUKWABA_L34_B6_6A	A	421
KUKWABA_L34_B6_6B	A	322
KUKWABA_L34_PL_PL	A	420
KUKWABA_L34_WUYE1_10A	A	324
KUKWABA_L34_WUYE1_4B	A	376
KUKWABA_L34_WUYE1_6B	A	531
KUKWABA_L34_WUYE2_5A	A	257
KUKWABA_L34_WUYE2_6A	A	163
KUKWABA_L34_WUYE2_6B	A	75
KUKWABA_L34_WUYE2_7A	A	362
KUKWABA_L34_WUYE2_7B	A	68
AT2_JAHI FDR_PL_PL	A	316
AT5_FDR 7_M2_5A	A	352
KUKWABA_L34_PL_PL	A	499
AT5_FDR 7_M2_5B	A	623
AT2_GWARINPA FDR_CHARLY BOY_FD1	B	407

A handwritten signature in blue ink, appearing to read "Omar S. M.A."

	AT2_GWARINPA FDR_M43_SETRACO	B	524
	AT2_JABI FDR_PL_PL	B	357
	AT2_LIFECAMP FDR_T1_LINE E	B	123
	AT5_FDR 7_M2_1B	B	542
	AT5_FDR 7_M2_6B	B	224
	KUKWABA_L31_PL_PL	B	194
	KUKWABA_L32_PL_PL	B	265
	KUKWABA_L36_PL_PL	B	123
Jikwoyi	Feeder	Non-MD Service Band	Cap (kWh)
	AT9_K1_A22_FD5	A	436
	AT9_K1_PL_PL	B	119
	AT9_K2_PL_PL	B	138
	AT9_K5_PL_PL	B	171
	AT9_K2_PL_PL	B	109
	AT9_K1_A22_FD1	C	152
	AT9_K1_A22_FD2	C	132
	AT9_K1_A22_FD3	C	71
	AT9_K1_A22_FD4	C	137
	AT9_K3_PL_PL	C	77
	AT9_K4_A23_FD2	C	94
	AT9_K4_A23_FD8	C	70
	AT9_K4_A23_FD9	C	203
	AT9_K4_PL_PL	C	92
	AT9_K5_J32_FD1	D	117
	AT9_K4_J22_FD1	E	136
	AT9_K4_J22_FD2	E	102
	AT9_K4_J22_FD3	E	135
	AT9_K4_J22_FD4	E	78
	AT9_K5_J32_FD2	E	84
	AT9_K5_J32_FD7	E	82
	AT9_K5_J32_FD8	E	136
Kabba	Feeder	Non-MD Service Band	Cap (kWh)
	OKENE_ISANLU MAKUTU FDR_PL_PL	D	238
	OKENE_OKENE FDR_PL_PL	D	88
Karu	Feeder	Non-MD Service Band	Cap (kWh)
	AT9_K1_A22_FD5	A	174
	AT9_K1_PL_PL	B	105
	AT9_K2_PL_PL	B	95
	AT9_K5_PL_PL	B	100
	AT9_K1_A22_FD1	C	147
	AT9_K1_A22_FD2	C	109
	AT9_K1_A22_FD3	C	267

A handwritten signature in blue ink, appearing to read "O. S. M."

	AT9_K1_A22_FD4	C	169
	AT9_K3_PL_PL	C	104
	AT9_K4_A23_FD2	C	103
	AT9_K4_A23_FD8	C	156
	AT9_K4_A23_FD9	C	137
	AT9_K4_PL_PL	C	98
	AT9_K5_J32_FD1	D	74
	AT9_K4_J22_FD1	E	192
	AT9_K4_J22_FD2	E	89
	AT9_K4_J22_FD3	E	76
	AT9_K4_J22_FD4	E	82
	AT9_K5_J32_FD2	E	74
	AT9_K5_J32_FD7	E	71
	AT9_K5_J32_FD8	E	174
	Feeder	Non-MD Service Band	Cap (kWh)
Katampe	AT2_GWARINPA FDR_M42_K6	A	117
	AT2_GWARINPA FDR_PL_PL	A	281
	AT2_GWARINPA FDR_T1_FDE	A	361
	AT2_JAHI FDR_PL_PL	A	225
	AT2_LIFECAMP FDR_PL_PL	A	821
	AT2_MB_P_C3_1A	A	138
	AT2_MB_P_C3_2B	A	84
	AT2_WUSE 2 FDR_B5_2A	A	224
	AT2_WUSE 2 FDR_B52_1A	A	55
	AT2_WUSE 2 FDR_B52_3B	A	84
	AT2_WUSE 2 FDR_B52_4A	A	82
	AT2_WUSE 2 FDR_PL_PL	A	70
	AT4_DAM FDR_K32_FD3	A	55
	AT4_DAWAKI FDR_PL_PL	A	162
	AT4_DAWAKI FDR_T2_FD1	A	157
	AT4_KUBWA FDR_PL_PL	A	99
	AT4_DAWAKI FDR_PL_PL	A	97
	AT2_GWARINPA FDR_M42_K6	A	81
	AT2_GWARINPA FDR_M43_SETRACO	B	530
	AT2_JABI FDR_PL_PL	B	280
	AT2_LIFECAMP FDR_T1_LINE B	B	301
	AT2_LIFECAMP FDR_T1_LINE C	B	530
	AT2_LIFECAMP FDR_T1_LINE D	B	488
	AT2_LIFECAMP FDR_T1_LINE E	B	950
	AT2_LIFECAMP FDR_T1_LINE F	B	525
	AT2_LIFECAMP FDR_T1_LINE H	B	530
	AT2_LIFECAMP FDR_T2_LINE E	B	950

	AT2_MPAPPE FDR_PL_PL	B	491
	AT4_DAWAKI FDR_M44_FD1	B	136
	AT4_DAWAKI FDR_M44_FD2	B	341
	AT4_DAWAKI FDR_T2_FD2	B	144
	AT4_DEIDEI FDR_PL_PL	B	63
	AT2_LIFECAMP FDR_T1_LINE A	C	910
	AT4_BWARI FDR_K3_FD3	C	85
	AT4_BWARI FDR_PL_PL	C	154
	AT4_KUBWA FDR_K2_FD1	C	178
	AT4_KUBWA FDR_K2_FD2	C	129
	AT4_KUBWA FDR_K2_FD3	C	211
	AT4_KUBWA FDR_K2_FD4	C	137
	AT4_NIPP FDR_NIPP_FDN1	C	71
	AT4_KUBWA FDR_K2_FD3	C	130
	AT4_KUBWA FDR_K2_FD4	C	141
	AT4_BWARI FDR_K3_FD1	D	148
	AT4_BWARI FDR_K3_FD1	D	57

	Feeder	Non-MD Service Band	Cap (kWh)
	AT8 KEFFI PL PL	A	380
	AT8_NASARAWA FDR_K35_FD2	A	134
	AT8_NASARAWA FDR_PL_PL	A	185
	AT8_UKE/MASAKA_PL_PL	D	219
	AT8_FDR 2 (KEFFI)_K34_FD1	E	128
	AT8_FDR 2 (KEFFI)_K34_FD2	E	195
	AT8_FDR 2 (KEFFI)_K34_FD3	E	68
	AT8_FDR 2 (KEFFI)_K34_FD1	E	111
	AT8_FDR 2 (KEFFI)_K34_FD2	E	315
	AT8_FDR 2 (KEFFI)_K34_FD3	E	71
	AT7_FDR 2 (LAFIA)_L14_FD1	E	145

	Feeder	Non-MD Service Band	Cap (kWh)
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_AY BARRACKS	D	109
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	106
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_TOWNSHIP	D	266
	TEGINA_KAGARA_PL_PL	D	103
	TEGINA_MARIGA_PL_PL	D	174
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	186
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	109
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	111

Handwritten signatures in blue ink, appearing to be initials or names.

	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	172
	KONTAGORA_KONTAGORA TOWNSHIP_KONTAGORA_GRA	D	298
	Feeder	Non-MD Service Band	Cap (kWh)
	AT4_DAM FDR_K32_FD2	A	324
	AT4_DAWAKI FDR_PL_PL	A	269
	AT4_DAWAKI FDR_T2_FD1	A	135
	AT4_KUBWA FDR_PL_PL	A	286
	AT6_JIWA FDR_PL_PL	A	209
	AT4_KUBWA FDR_PL_PL	A	77
	AT4_KUBWA FDR_PL_PL	A	63
	AT4_DAWAKI FDR_M44_FD1	B	98
	AT4_DAWAKI FDR_M44_FD2	B	70
	AT4_DAWAKI FDR_T2_FD2	B	110
	AT4_DEIDEI FDR_MOPOL_FD1	B	107
	AT4_DEIDEI FDR_MOPOL_FD2	B	192
	AT4_DEIDEI FDR_PL_PL	B	287
	AT6_JERE FDR_PL_PL	B	63
	AT4_BWARI FDR_K3_FD3	C	119
	AT4_BWARI FDR_PL_PL	C	187
	AT4_KUBWA FDR_K2_FD1	C	144
	AT4_KUBWA FDR_K2_FD2	C	153
	AT4_KUBWA FDR_K2_FD3	C	193
	AT4_KUBWA FDR_K2_FD4	C	163
	AT4_NIPP FDR_NIPP_FDN1	C	113
	AT6_JIWA FDR_JIWA_FD1 DEI DEI SABURI	C	271
	AT6_JIWA FDR_JIWA_FD2 JIWA	C	115
	AT6_JIWA FDR_JIWA_FD3 GWAGWA	C	89
	AT4_KUBWA FDR_K2_FD1	C	134
	AT4_KUBWA FDR_K2_FD2	C	290
	AT4_KUBWA FDR_K2_FD3	C	197
	AT4_KUBWA FDR_K2_FD4	C	99
	AT4_BWARI FDR_K3_FD1	D	169
	AT6_FIELD BASE_FIELDBASE_SULEIMAN BARAU	D	82
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	66
	AT6_SULEJA TOWNSHIP_S3_RAFINSENYI	D	105
	AT4_BWARI FDR_K3_FD1	D	89
	Feeder	Non-MD Service Band	Cap (kWh)
	AT3_H1_G25_FD3	A	54
	AT3_H31_PL_PL	A	68
	AT3_H31_S22_4B	A	68
	AT3_H33_PL_PL	A	61

The image shows two handwritten signatures in blue ink. One signature appears to be 'O. O.' and the other 'MA'. There are also some smaller, less distinct markings or initials.

	AT3_H5_R3_4A	A	529
	GW_L31_PL_PL	B	86
	GW_L32_PL_PL	B	54
	GW_L36_PL_PL	B	86
	AT3_H21_PL_PL	C	166
	GW_L36_L2_FD1	D	106
	GW_L36_L2_FD2	D	87
	GW_L36_L2_FD3	D	77
	GW_L36_L2_FD4	D	88
	GW_L36_L5_FD1	D	80
	GW_L36_L5_FD2	D	91
	GW_L36_L2_FD1	D	56
	GW_L36_L2_FD1	D	97
	GW_L36_L2_FD1	D	94
Lafia	Feeder	Non-MD Service Band	Cap (kWh)
	AT7_FDR 2 (LAFIA)_PL_PL	A	243
	AT7_FDR 2 (LAFIA)_A28_FD1	D	66
	AT7_FDR 2 (LAFIA)_L14_FD2	D	86
	AT7_FDR 2 (LAFIA)_L14_FD3	D	149
	AT7_FDR 2 (LAFIA)_L15_FD1A	D	82
	AT7_FDR 2 (LAFIA)_L16_1C	D	80
	AT7_FDR 2 (LAFIA)_L14_FD2	D	96
	AT7_FDR 2 (LAFIA)_L14_FD2	D	67
	AT7_FDR 2 (LAFIA)_L14_FD3	D	101
	AT7_FDR 2 (LAFIA)_L14_FD2	D	139
	AT7_FDR 2 (LAFIA)_L14_FD1	E	138
	AT7_FDR 2 (LAFIA)_L15_1B	E	86
	AT7_FDR 2 (LAFIA)_L15_FD1B	E	118
	AT7_FDR 2 (LAFIA)_L16_1D	E	60
	AT7_FDR 2 (LAFIA)_L14_FD1	E	126
Life Camp	Feeder	Non-MD Service Band	Cap (kWh)
	AT2_GWARINPA FDR_T1_FDE	A	303
	AT2_JAHIFDR_PL_PL	A	422
	AT2_LIFECAMP FDR_PL_PL	A	528
	AT2_WUSE 2 FDR_B52_4B	A	588
	AT5_FDR 3_B32_FD1	A	110
	AT5_FDR 3_B32_FD2	A	113
	AT5_FDR 3_B32_FD3	A	262
	AT5_FDR 3_B32_FD4	A	192
	AT5_FDR 5_G2_5B	A	248
	AT5_FDR 7_M2_2A	A	709
	AT5_FDR 7_M2_2B	A	628

A handwritten signature in blue ink, appearing to read "Ola AA".

	AT5_FDR 7_M2_3A	A	375
	AT5_FDR 7_M2_5A	A	437
	AT5_FDR 7_M2_5B	A	724
	AT5_FDR 7_M2_6A	A	182
	AT5_FDR 7_M2_7A	A	359
	AT5_FDR 7_PL_PL	A	344
	AT6_JIWA FDR_PL_PL	A	142
	KUKWABA_L34_B6_2A	A	159
	KUKWABA_L34_B6_4B	A	303
	KUKWABA_L34_B6_5B	A	131
	KUKWABA_L34_PL_PL	A	343
	KUKWABA_L34_WUYE2_7A	A	365
	AT2_JAHIFDR_PL_PL	A	192
	KUKWABA_L34_PL_PL	A	132
	KUKWABA_L34_PL_PL	A	147
	AT2_GWARINPA FDR_M43_SETRACO	B	220
	AT2_JABI FDR_PL_PL	B	206
	AT2_LIFECAMP FDR_T1_LINE E	B	337
	AT5_FDR 7_M2_1B	B	264
	KUKWABA_L31_PL_PL	B	487
	KUKWABA_L32_PL_PL	B	113
	KUKWABA_L36_PL_PL	B	448
	AT6_JIWA FDR_JIWA_FD1 DEI DEI SABURI	C	305
	AT6_JIWA FDR_JIWA_FD2 JIWA	C	251
	AT6_JIWA FDR_JIWA_FD3 GWAGWA	C	68
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	134
	AT6_T1_T/S GAURAKA	D	262
Lokogoma	Feeder	Non-MD Service Band	Cap (kWh)
	AT3_H1_G22_1LEFT	A	189
	AT3_H1_G22_2LEFT	A	347
	AT3_H1_G24_FD21	A	123
	AT3_H1_G24_FD24	A	174
	AT3_H1_G25_FD3	A	322
	AT3_H2_G32_1B	A	58
	AT3_H2_G32_5B	A	564
	AT3_H2_G32_6A	A	97
	AT3_H2_G4_1B	A	204
	AT3_H2_PL_PL	A	297
	AT3_H3_R4_FD3	A	451
	AT3_H3_R5_4B	A	156
	AT3_H31_PL_PL	A	265
	AT3_H31_S22_4A	A	483

	AT3_H31_S22_4B	A	570
	AT3_H31_S23_2A	A	135
	AT3_H31_S23_2B	A	309
	AT3_H31_S23_3B	A	136
	AT3_H31_S23_4A	A	363
	AT3_H31_S24_FD1	A	281
	AT3_H31_S24_FD2	A	214
	AT3_H33_PL_PL	A	243
	AT3_H33_RST_FD1	A	205
	AT3_H33_RST_FD2	A	173
	AT3_H35_PL_PL	A	339
	AT3_H37_PL_PL	A	337
	AT3_H37_S26_BEHIND TRANSMISSION	A	151
	AT3_H37_S26_K10	A	121
	AT3_H37_S26_TRADEMORE FD	A	141
	AT3_H5_R2_FD9	A	134
	AT3_H5_R6_5A	A	394
	KUKWABA_L34_B6_2A	A	450
	KUKWABA_L34_PL_PL	A	301
	AT3_H1_G22_5&8LEFT	A	441
	AT3_H31_S23_1A	B	321
	KUKWABA_L31_PL_PL	B	370
	KUKWABA_L31_S25_GV	B	162
	KUKWABA_L32_PL_PL	B	387
	KUKWABA_L31_PL_PL	B	189
	AT3_H21_E2_FD2	C	461
	AT3_H21_E2_FD22	C	445
	AT3_H21_E2_FD5	C	362
	AT3_H21_PL_PL	C	148
Lokoja	Feeder	Non-MD Service Band	Cap (kWh)
	AJAOKUTA_WEST AFRICAN CERAMICS_PL_PL	A	69
	LOKOJA_FDR 3 CBN_PL_PL	A	96
	KUKWABA_L31_PL_PL	B	531
	AJAOKUTA_ADOGO_PL_PL	D	539
	AJAOKUTA_CONFLUENCE_PL_PL	D	158
	LOKOJA_FDR 1 KOTON KARFE_PL_PL	D	125
	LOKOJA_FDR 2 LOKOJA_LOKOGOMA_GANAJA	D	655
	LOKOJA_FDR 2 LOKOJA_LOKOGOMA_OTOKITI	D	70
	LOKOJA_FDR 2 LOKOJA_LOKOJA MAIN_FD1	D	254
	LOKOJA_FDR 2 LOKOJA_LOKOJA MAIN_FD2	D	143
	LOKOJA_FDR 2 LOKOJA_LOKOJA MAIN_FD3	D	119
	LOKOJA_FDR 2 LOKOJA_LOKOJA MAIN_FD4	D	232

Osia MA

	Feeder	Non-MD Service Band	Cap (kWh)
Lugbe	AT3_H1_G22_1LEFT	A	119
	AT3_H1_G22_2LEFT	A	149
	AT3_H1_G22_7LEFT	A	158
	AT3_H2_G32_3B	A	109
	AT3_H2_G32_6B	A	51
	AT3_H31_PL_PL	A	125
	AT3_H33_PL_PL	A	319
	AT3_H37_PL_PL	A	77
	KUKWABA_L34_PL_PL	A	51
	KUKWABA_L34_WUYE1_10A	A	162
	AT3_H2_G32_2B	A	85
	AT3_H2_G32_3B	A	153
	AT3_H23_PL_PL	B	412
	GW_L31_PL_PL	B	266
	GW_L32_PL_PL	B	83
	GW_L36_PL_PL	B	99
	KUKWABA_L31_PL_PL	B	217
	KUKWABA_L31_S25_GV	B	70
	KUKWABA_L32_PL_PL	B	224
	AT3_H21_E2_FD2	C	142
	AT3_H21_E2_FD22	C	125
	AT3_H21_E2_FD5	C	182
	AT3_H21_PL_PL	C	204
	GW_L36_L2_FD1	D	144
	GW_L36_L2_FD3	D	138
	GW_L36_L2_FD4	D	126
	GW_L36_L5_FD1	D	51
	GW_L36_L2_FD1	D	155
Maitama	Feeder	Non-MD Service Band	Cap (kWh)
	AT2_GWARINPA FDR_T1_FDE	A	477
	AT2_JAHI FDR_PL_PL	A	218
	AT2_LIFECAMP FDR_PL_PL	A	477
	AT2_MB_P_C3_1A	A	950
	AT2_MB_P_C3_2A	A	950
	AT2_MB_P_C3_2B	A	89
	AT2_MB_P_C3_3A	A	950
	AT2_MB_P_C3_4B	A	900
	AT2_MB_P_C3_5B	A	900
	AT2_MB_P_C4_M/H	A	900
	AT2_MB_P_PL_PL	A	145
	AT2_WUSE 2 FDR_B5_2A	A	519

A handwritten signature in blue ink, appearing to read "O. S. J. M.A."

AT2_WUSE 2 FDR_B5_3B	A	444
AT2_WUSE 2 FDR_B52_1B	A	413
AT2_WUSE 2 FDR_B52_3A	A	758
AT2_WUSE 2 FDR_PL_PL	A	721
AT3_H1_G22_2LEFT	A	66
AT3_H1_G24_FD21	A	52
AT3_H1_G24_FD24	A	75
AT3_H1_G25_FD2	A	798
AT3_H2_G32_5A	A	427
AT3_H2_G32_5B	A	421
AT3_H2_G32_6B	A	93
AT3_H2_G4_2A	A	427
AT3_H2_G4_4B	A	477
AT3_H3_R4_FD3	A	950
AT3_H3_R5_2B	A	84
AT3_H31_PL_PL	A	151
AT3_H33_PL_PL	A	823
AT3_H35_PL_PL	A	51
AT3_H5_R6_1B	A	526
AT3_H5_R6_5A	A	960
AT5_FDR 3_B32_FD1	A	518
AT5_FDR 3_B32_FD2	A	211
AT5_FDR 3_B32_FD3	A	630
AT5_FDR 3_B32_FD4	A	140
AT5_FDR 6_C2_1A	A	842
AT5_FDR 6_C2_1B	A	477
AT5_FDR 6_C2_2B	A	203
AT5_FDR 6_C2_4A	A	552
AT5_FDR 6_C2_4B	A	636
AT5_FDR 6_C2_5B	A	950
AT5_FDR 6_C2_7A	A	862
AT5_FDR 6_C2_7B	A	795
AT5_FDR 6_C2_8A	A	950
AT5_FDR 6_C2_9A	A	164
AT5_FDR 6_C2_9B	A	162
AT5_FDR 6_C4_3A	A	945
AT5_FDR 6_C4_3B	A	950
AT5_FDR 6_C4_5A	A	950
AT5_FDR 6_PL_PL	A	477
AT5_FDR 7_M2_2B	A	477
AT5_FDR 7_PL_PL	A	339
AT5_FDR2 & FDR4_B33_10A	A	52



A handwritten signature in blue ink, followed by the handwritten initials "AM" in blue ink.

	AT5_FDR2 & FDR4_B33_3B	A	320
	AT5_FDR2 & FDR4_B33_6B	A	950
	AT5_FDR2 & FDR4_B33_8A	A	98
	AT2_JABI FDR_PL_PL	B	281
	AT2_MPAPPE FDR_PL_PL	B	105
	AT3_H31_S23_1A	B	361
	AT3_H21_E2_FD2	C	527
	AT3_H21_E2_FD5	C	527
	GW_L36_L2_FD1	D	84
Mararaba	Feeder	Non-MD Service Band	Cap (kWh)
	AT9_K1_A22_FD5	A	270
	AT9_K1_PL_PL	B	126
	AT9_K2_PL_PL	B	83
	AT9_K5_PL_PL	B	90
	AT9_K1_A22_FD2	C	67
	AT9_K1_A22_FD3	C	83
	AT9_K1_A22_FD4	C	69
	AT9_K3_PL_PL	C	129
	AT9_K4_A23_FD2	C	72
	AT9_K4_A23_FD8	C	69
	AT9_K4_A23_FD9	C	67
	AT9_K4_PL_PL	C	106
	AT9_K5_J32_FD1	D	145
	AT8_FDR 2 (KEFFI)_K34_FD1	E	187
	AT9_K4_J22_FD1	E	115
	AT9_K4_J22_FD2	E	143
	AT9_K4_J22_FD3	E	114
	AT9_K4_J22_FD4	E	174
Masaka	AT9_K5_J32_FD2	E	103
	AT9_K5_J32_FD7	E	99
	AT9_K5_J32_FD8	E	314
	Feeder	Non-MD Service Band	Cap (kWh)
	AT8 KEFFI_PL_PL	A	164
	AT8_NASARAWA FDR_PL_PL	A	99
	AT8_UKE/MASAKA_PL_PL	D	127
Minna	AT8_FDR 2 (KEFFI)_K34_FD1	E	88
	AT8_FDR 2 (KEFFI)_K34_FD3	E	65
	AT8_FDR 2 (KEFFI)_K34_FD3	E	65
	Feeder	Non-MD Service Band	Cap (kWh)
	AT3_H31_S22_4B	A	212
	MINNA_ZARUMAI_ZARUMAI_FD4	B	135
	MINNA_BIRIGI_PL_PL	D	102

Handwritten signatures in blue ink, likely belonging to officials or witnesses, are placed at the bottom left of the page.

	MINNA_KATAREGI_PL_PL	D	61
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_BOSSO ROAD	D	301
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_MAITUMBI	D	378
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_PIGGERY	D	215
	MINNA_POWER HOUSE		
	FDR_POWERHOUSE_TUNGA	D	112
	MINNA_T3_PL_PL	D	97
	MINNA_T4_INJ_CHANCHAGA	D	91
	MINNA_T4_TS_PARLIAMENTARY	D	120
	MINNA_T4_TS_SHIRORO	D	96
	MINNA_ZARUMAI_ZARUMAI_DUTSEN KURA	D	150
	MINNA_ZARUMAI_ZARUMAI_GRA	D	74
	MINNA_ZARUMAI_ZARUMAI_HAJJ CAMP	D	82
	SHIRORO_GWADA_PL_PL	E	547
Mpape	Feeder	Non-MD Service Band	Cap (kWh)
	AT2_LIFECAMP FDR_PL_PL	A	182
	AT2_MBPC3_1A	A	121
	AT2_MBPC3_2A	A	498
	AT2_MBPC3_2B	A	157
	AT2_MBPC3_3A	A	525
	AT2_MBPC3_4B	A	89
	AT2_MBPC3_5B	A	136
	AT2_MBPL_PL	A	278
	AT2_WUSE 2 FDR_PL_PL	A	119
	AT5_FDR 6_C2_2B	A	116
	AT5_FDR 6_C2_8A	A	450
	AT5_FDR 6_C4_3A	A	113
	AT5_FDR 6_C4_5A	A	261
	AT2_MPAPPE FDR_PL_PL	B	185
Okene	Feeder	Non-MD Service Band	Cap (kWh)
	AJAOKUTA_ADOGO_PL_PL	D	137
	AJAOKUTA_CONFLUENCE_PL_PL	D	77
	OKENE_IKARE_PL_PL	D	219
	OKENE_LOKOJA/OKENE FDR_PL_PL	D	152
	OKENE_OKENE FDR_OSUWAYA_GRA	D	106
	OKENE_OKENE FDR_OSUWAYA_TOWNSHIP	D	70
Suleja	Feeder	Non-MD Service Band	Cap (kWh)
	AT6_JIWA FDR_PL_PL	A	100
	AT6_JERE FDR_PL_PL	B	124

A handwritten signature in blue ink, appearing to read "Ola" followed by a stylized surname.

	AT6_JIWA FDR_JIWA_FD1 DEI DEI SABURI	C	164
	AT6_T1_T/S_NNPC	C	112
	AT6_FIELD BASE_FIELDBASE_SULEIMAN BARAU	D	263
	AT6_HASSAN DALHATU FDR_PL_PL	D	128
	AT6_JERE FDR_DIKKO_NASARA FDR	D	222
	AT6_SULEJA TOWNSHIP_S3_HASSANDALATU	D	124
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	132
	AT6_SULEJA TOWNSHIP_S3_RAFINSENYI	D	261
	AT6_T1_T/S_DIKKO	D	156
	AT6_T1_T/S_GAURAKA	D	64
	AT6_T1_T/S_MINNA RD	D	124
	AT6_T1_T/S_GAURAKA	D	287
	AT6_SULEJA TOWNSHIP_S3_RAFINSENYI	D	281
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	152
	SHIRORO_GWADA_PL_PL	E	235
	Feeder	Non-MD Service Band	Cap (kWh)
Wuse	AT2_GWARINPA FDR_M42_K12	A	66
	AT2_GWARINPA FDR_M42_K14	A	272
	AT2_GWARINPA FDR_M42_K5	A	541
	AT2_GWARINPA FDR_M42_K6	A	195
	AT2_GWARINPA FDR_T1_FDE	A	172
	AT2_LIFECAMP FDR_PL_PL	A	522
	AT2_MB_P_C3_1A	A	536
	AT2_MB_P_C3_2A	A	107
	AT2_MB_P_C3_2B	A	158
	AT2_MB_P_C3_3A	A	377
	AT2_MB_P_C3_5B	A	327
	AT2_WUSE 2 FDR_B5_1A	A	513
	AT2_WUSE 2 FDR_B5_1B	A	724
	AT2_WUSE 2 FDR_B5_2A	A	701
	AT2_WUSE 2 FDR_B5_2B	A	694
	AT2_WUSE 2 FDR_B5_3A	A	541
	AT2_WUSE 2 FDR_B5_3B	A	671
	AT2_WUSE 2 FDR_B5_4A	A	471
	AT2_WUSE 2 FDR_B5_4B	A	785
	AT2_WUSE 2 FDR_B52_1A	A	750
	AT2_WUSE 2 FDR_B52_1B	A	782
	AT2_WUSE 2 FDR_B52_2A	A	519
	AT2_WUSE 2 FDR_B52_2B	A	461
	AT2_WUSE 2 FDR_B52_3A	A	675
	AT2_WUSE 2 FDR_B52_3B	A	628
	AT2_WUSE 2 FDR_B52_4A	A	608

A handwritten signature in blue ink, appearing to read "Ola S. M."

AT2_WUSE 2 FDR_B52_4B	A	929
AT2_WUSE 2 FDR_PL_PL	A	653
AT3_H1_G22_1LEFT	A	164
AT3_H1_G22_2LEFT	A	195
AT3_H1_G22_4LEFT	A	132
AT3_H1_G22_7LEFT	A	491
AT3_H1_G24_FD21	A	541
AT3_H1_G24_FD24	A	218
AT3_H1_G24_FD7	A	80
AT3_H1_G25_FD2	A	712
AT3_H1_G25_FD7	A	541
AT3_H2_G32_1B	A	378
AT3_H2_G32_4A	A	79
AT3_H2_G32_6B	A	541
AT3_H2_PL_PL	A	455
AT3_H3_R4_FD3	A	77
AT3_H31_PL_PL	A	536
AT3_H31_S22_4A	A	536
AT3_H33_PL_PL	A	497
AT3_H35_PL_PL	A	570
AT3_H37_S26_TRADEMORE FD	A	178
AT3_H5_R2_FD9	A	177
AT3_H5_R6_1B	A	205
AT3_H5_R6_2B	A	536
AT3_H5_R6_5A	A	494
AT5_FDR 3_B32_FD1	A	289
AT5_FDR 3_B32_FD2	A	351
AT5_FDR 3_B32_FD3	A	434
AT5_FDR 3_B32_FD4	A	347
AT5_FDR 3_B32_FD5	A	361
AT5_FDR 3_B32_FD6	A	451
AT5_FDR 3_PL_PL	A	205
AT5_FDR 6_C2_2B	A	295
AT5_FDR 6_C2_4B	A	637
AT5_FDR 6_C2_5B	A	81
AT5_FDR 6_C2_7A	A	536
AT5_FDR 6_C2_7B	A	61
AT5_FDR 6_C2_8A	A	256
AT5_FDR 6_C4_3A	A	595
AT5_FDR 6_C4_3B	A	467
AT5_FDR 6_C4_5A	A	165
AT5_FDR 7_M2_2B	A	536



AAA

	AT5_FDR 7_M2_3A	A	231
	AT5_FDR 7_M2_5B	A	541
	AT5_FDR 7_M2_7A	A	168
	AT5_FDR 7_PL_PL	A	395
	AT5_FDR2 & FDR4_B33_10A	A	590
	AT5_FDR2 & FDR4_B33_1B	A	541
	AT5_FDR2 & FDR4_B33_3B	A	346
	AT5_FDR2 & FDR4_B33_6B	A	165
	AT3_H1_G22_5&8LEFT	A	349
	AT3_H1_G24_FDR 20	A	133
	AT2_GWARINPA FDR_M43_SETRACO	B	224
	AT2_JABI FDR_PL_PL	B	398
	AT2_MPAPPE FDR_PL_PL	B	78
	AT5_FDR 7_M2_6B	B	147
	AT3_H21_E2_FD2	C	92
	AT3_H21_E2_FD22	C	130
	AT3_H21_E2_FD5	C	66
	AT3_H21_PL_PL	C	184
Zuma	Feeder	Non-MD Service Band	Cap (kWh)
	AT6_JIWA FDR_JIWA_FD1 DEI DEI SABURI	C	139
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	105
	AT6_T1_T/S_GAURAKA	D	81
	AT6_T1_T/S_GAURAKA	D	50
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	106
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	133
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	140
	AT6_SULEJA TOWNSHIP_S3_MADALLA/ZUBA	D	334



 MA