



NEMSA

2023

Annual

Report





NEMSA Annual Report – 2023

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BOLA AHMED TINUBU, GCFR
PRESIDENT, COMMANDER-IN-CHIEF OF THE ARMED FORCES
FEDERAL REPUBLIC OF NIGERIA



HIS EXCELLENCY
KASHIM SHETTIMA, GCON
VICE PRESIDENT,
FEDERAL REPUBLIC OF NIGERIA



CHIEF ADEBAYO A. ADELABU OFFR, FCA, FCIB

Honourable Minister
Federal Ministry of Power



TEMITOPE FASHEDEMI, FNIM

PERMANENT SECRETARY
FEDERAL MINISTRY OF POWER



ENGR. SULEIMAN YAHAYA, FNSE

**BOARD CHAIRMAN
NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY
(NEMSA)**



ENGR. ALIYU TUKUR TAHIR, FNSE

**MANAGING DIRECTOR/CEO &
CHIEF ELECTRICAL INSPECTOR OF THE FEDERATION
NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY
(NEMSA)**



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LIST OF ACRONYMS

ACTU:	Anti-Corruption and Transparency Unit
AIT:	African Independent Television
AEDC:	Abuja Electricity Distribution Company
AGF:	Attorney General of the Federation & Honourable Minister of Justice
BOF:	Budget Office of the Federation
BPP:	Bureau of Public Procurement
BPSR:	Bureau of Public Service Reform
CAPEX:	Capital Expenditure
CBN:	Central Bank of Nigeria
CCGT:	Combined Cycle Gas Turbine
CCTV:	Closed Circuit Television
CEIF:	Chief Electrical Inspector of the Federation
CHQ:	Corporate Headquarters
CON:	Commander of the Order of the Niger
COREN:	Council for Regulation of Engineering in Nigeria
CRF:	Consolidated Revenue Fund
DFID:	Department for International Development
DISCOs:	Distribution Companies
DPR:	Department of Petroleum Resources
ECN:	Energy Commission of Nigeria
EIMS:	Electricity Information Management System
EMSL:	Electricity Management Services Limited
EIS:	Electrical Inspectorate Services
EPSRA:	Electric Power Sector Reform Act
ERP:	Enterprise Resource Planning
ECREEE:	ECOWAS Centre for Renewable Energy and Energy Efficiency
EOIs:	Expression of Interests
FCCPC	Federal Competition & Consumer Protection Commission
FEC:	Federal Executive Council
FGN:	Federal Government of Nigeria
FMoPWH:	Federal Ministry of Power, Works & Housing
FNSE:	Fellow Nigeria Society of Engineers
FOSHA:	Fellow Occupational Safety & Health Association
GCFR:	Grand Commander of the Order of the Federal Republic
GCON:	Grand Commander of the Order of the Niger

... LIST OF ACROMYMS

GENCOs:	Generation Companies
GPN:	General Procurement Notice
GW:	Gigawatt
GIZ:	Deutsche Gesellschaft Für Internationale Zusammenarbeit
HCSof:	Head of Civil Services of the Federation
IAU:	Internal Audit Unit
IBEDC:	Ibadan Electricity Distribution Company
ICPC:	Independent Corrupt Practices and other Related Offences Commission
ICT:	Information and Communication Technology
IFOs:	Inspectorate Field Offices
IGR:	Internally Generated Revenue
IPP:	Independent Power Producer
ISO:	International Organization for Standardization
ISPON:	Institute of Safety Professionals of Nigeria
IPPIS:	Integrated Personnel Payroll and Information System.
JICA:	Japanese International Corporation Agency
KWh:	Kilowatt Hour
KPI:	Key Performance Indicator
LAN:	Local Area Network
MAP:	Meter Asset Providers
MDA:	Ministries, Departments, and Agencies
MLSD:	Metering & Laboratory Services Department
MNSE:	Member Nigeria Society of Engineers
MD/CEO:	Managing Director/Chief Executive Officer
mni:	Membership of the National Institute
MoU:	Memorandum of Understanding
MW:	Megawatt
MWh:	Megawatt Hour
MYTO:	Multi Year Tariff Order
NCDC:	National Centre for Disease and Control
NDPHC:	Niger Delta Power Holding Company
NEMSA:	Nigerian Electricity Management Services Agency
NERC:	Nigerian Electricity Regulatory Commission
NESCO:	Nigerian Electricity Supply Corporation

... LIST OF ACROMYMS

NESI:	Nigerian Electricity Supply Industry
NESP:	Nigerian Energy Support Programme
NEPA:	National Electric Power Authority
NIEEE:	Nigerian Institution of Electrical and Electronic Engineers
NIPP:	National Integrated Power Project
NMTS:	National Meter Test Station
NOA:	National Orientation Agency
NREAP:	National Renewable Energy Action Plan
NSE:	Nigerian Society of Engineers
NTA:	Nigerian Television Authority
NTB:	NEMSA Tenders Board
OAGF:	Office of the Accountant General of the Federation
OHTL:	Overhead Transmission lines
PEBEC:	Presidential Enabling Business Environment Council
PHCN:	Power Holding Company of Nigeria
PPC:	Procurement Planning Committee
PSAS:	Public Sector Accounting Standard
PTFP:	Presidential Task Force on Power
QMS:	Quality Management System
RE:	Renewable Energy
R&D:	Research and Development
RFP:	Request for Proposals
SAN:	Senior Advocate of Nigeria
SBU:	Strategic Business Units
SERVICOM:	Service Compact with All Nigerians
SON:	Standards Organization of Nigeria
TCN:	Transmission Company of Nigeria
TSA:	Treasury Single Account
TIS:	Technical Inspectorate Services
TS & SP:	Technical Standards & System Planning
USAID:	United States Agency for international Development
VoIP:	Voice over Internet Protocol
YTD:	Year to Date
ZEICCP:	Zonal Electrical Installation Contractors Certification Panels

Vision Statement

To be an efficient world class technical enforcement agency that ensures standardisation, specification, quality, safety and competence for the competitive Nigerian Electricity Supply Industry and other Allied Industries/Workplaces and premises.

Mission Statement

To ensure efficient, stable, safe and reliable networks for electricity supply; safety of lives and property in the Nigerian Electricity Supply Industry, through appropriate and innovative technology using a well-motivated workforce.

Core Values

- Quality service and Safety
- Honesty and Integrity
- Leadership and Collaboration

NEMSA HSE POLICY

The management of NEMSA is committed to the safety of the use of electricity and safety of lives and property in NESI and other workplaces/premises, in line with extant regulations, the law of the Federal Republic of Nigeria and relevant international regulations - IEC.

We are determined to promoting activities and innovations that will mitigate all electrical risk factors and the potential impacts on our staff, workmen in the power industry and the general public.

The management shall:

1. be committed to prevention of all forms of electrical accidents, dangers/electrocutions and other work-related injuries to all employees and workmen in the power industry etc.
2. provide necessary tools and equipment to ensure that all technical and administrative operations are carried out safely.
3. ensure that no staff is penalised in reporting HSE components including hazards identification, risks, accidents etc.
4. encourage ideas and activities that will help to mitigate climate change.
5. improve our processes and systems regularly to achieve our goal of zero accident to man.

QUALITY POLICY


NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY is committed to quality enforcement of technical standards and regulations to ensure the safety of lives and property in Nigeria.

We are committed to continually improve our Quality Management System process and satisfy applicable requirements.

We shall make it available to all interested parties and ensure that it is communicated, understood and applied within NEMSA.

NEMSA MANDATE

Nigerian Electricity Management Services Agency (NEMSA) was established to carry out the functions of Enforcement of Technical Standards and Regulations, Technical Inspection, Testing and Certification of all categories of Electrical Installations, Electricity Meters, Instruments, etc., to ensure the efficient production and delivery of safe, reliable and sustain-able electricity power supply and guarantee safety of lives and property in the Nigerian Electricity Supply Industry (NESI) and for other related matters. The Agency's mandate in NESI include:



NEMSA Mandate is in alignment with the National Development Plan (NDP), the Power Sector Recovery Programme (PSRP) and Power Sector Initiative of the Federal Government.

1. To ensure that:
 - i. electrical materials/equipment used in NESI and other allied industries/workplaces are of the right type, quality, standards and specifications.
 - ii. power systems and networks put in place have been properly planned, designed and executed before use to deliver safe, reliable and regular electricity supply to the consumers nationwide.
 - iii. safety of lives and property within the grid and off-grid networks is assured.
2. To ensure that electricity meters and instruments are of the right type, quality, class and accuracy for proper accountability of energy produced, delivered, supplied and utilized by the consumers. These are achieved through the following mandatory tests:
 - Type test.
 - Routine test.
 - Recertification Test.
3. Processing and issuance of Competency Certificates to qualified Electrical Installation Contractors and Practitioners/personnel engaged in the practice of electrical installations works along the power value chain & utilization in NESI and other allied industries/workplaces.
4. Providing data, information and library services for stakeholders, investors, researchers, academia, etc, vide the Electricity Information Management Systems.
5. Provide other professional technical services in the NESI and other allied industries/workplaces, including Research & Development, transformer testing/repairs, etc.

NEMSA GOVERNING BOARD 2020-2023



NEMSA MANAGEMENT TEAM



Engr. Shuaibu Usman,
ED, Technical Services Directorate



Mr. Pius O. Achu (Late),
ED, Corporate Services Directorate



Mrs. Chinwe Onovo
ED, Commercial Services Directorate



Mr. Uche Aneke,
GM, Public Affairs



Engr. Aliyu T. Tukur
MD/CEO & Chief Electrical Inspector of the Federation



Mrs. Abimbola Ogunnubi,
GM, Legal Services



Mrs. Sefia Aliyu,
GM, Corporate Services/HR



Mr. Suleiman Alhassan
GM, Finance & Accounts



Engr. Haruna I. Ndabida,
GM, Technical Inspectorate
Services



Engr. Tajudeen Alabi
Head, Technical Standards &
System Planning



Engr. Gideon Fatunmbi
Head, Metering,
Engineering & Chemical
Laboratory Department



Mr. Alabi C. Kolawole
Head, Procurement Unit



Ms. Irowa Ikponmwosa
Head, Internal Audit Unit



Engr. Bright O. Obidi,
Head, Regulatory, Safety &
Certification

MESSAGE FROM THE MD/CEO & CEIF



It is with great pleasure that I present the 2023 Annual Report of the Nigerian Electricity Management Services Agency (NEMSA). The year 2023 has been one of progress and continued dedication to ensuring the safety, reliability and sustainability of the Nigeria's electricity networks. Our core mission remains the enforcement of technical standards and regulations, as well as the inspection, testing and certification of electrical installations across the country.

Worthy of mention is the bold step taken by the Federal Government by signing into law the Electricity Act 2023 On 9th June 2023, which repeals the Electricity and Power Sector

Reform Act of 2005. The Act introduces a range of key features such as;

- i. Liberalization of Nigeria's electricity generation, transmission, and distribution at the National level, empowering States, companies and individuals to generate, transmit and distribute electricity.
- ii. Prioritization of the development and utilization of renewable energy.
- iii. Establishment of clear guidelines for the licensing, monitoring, and supervision of market participants.
- iv. Finally, the Act guarantees assets protection, the right to sell or transfer a licensee's undertaking in the event of revocation of licenses, or compensation in the event of any forceful takeover in the interest of national security.

On the part of NEMSA, the 2023 Electricity Act strengthened our Mandate in the following areas:

- i. Section 184 sub-section Nos.8 "No new or upgraded electrical installation of any type shall be connected to an existing electricity power system or networks and energised either for temporary or permanent use until such electrical installation has been duly inspected, tested and certified fit for use by NEMSA"
- ii. Sub-section Nos. 9 "Utilities companies or owners and users of electrical installation or power system and networks, shall notify NEMSA in writing within 48 hours of the occurrence of any electrical accident, electrocution and or electrical fire for investigation"
- iii. Sub- sections Nos. 10 "Utilities companies, electrical installation and networks owners shall rectify or make good safe any defects or anomalies recommended by NEMSA, arising from investigation of electrical accidents and electrocution incidences or technical evaluation and monitoring of report or as may be specified by NEMSA and any person who violates this provision commit an offence and is liable on conviction to fine ranging from N1,000,000.00 to N5,000,000.00 or a term of three years or both".

MESSAGE FROM THE MD/CEO & CEIF

- iv. Part X, section 114 on installation of Meters sub-section Nos. 5 “For the purpose of ensuring compliance with the provisions of this section, it shall be the responsibility of every electricity consumer to accept the installation of electricity meters duly certified by NEMSA on their premises”.
- v. Sub-sections Nos. 6 “Any electricity consumer who fails to comply with the provision of subsection (5), shall be disconnected for the duration that the supplier is denied access to the premises for the purposes of installation of electricity meter”.

This new law has retained all of NEMSA’s functions and so given the Agency the power it needed to fulfil its mandate.

NEMSA has worked closely with stakeholders to rid the industry of substandard Electrical materials/equipment and unqualified Electrical installation personnel, ensuring that electrical installations meet the highest standards. We are also fully committed to strategic partnership with Sub-nationals, to enhance the enforcement of technical standards in the NESI. Through our efforts, we continue to provide a safer environment and improve the quality of electricity supply to homes, business premises and industries.

As we move forward, NEMSA remains committed to its mandate of ensuring stable, safe and reliable electricity network, guided by our core values of quality service and safety, honesty and integrity, leadership and collaboration. I thank the Honourable Minister, Federal Ministry of Power, the committee (s) of Power in the National Assembly, Staff and Stakeholders for their unwavering support and we look forward to continued success in 2024.

Engr. Aliyu T. Tukur

Managing Director/CEO of NEMSA
& Chief Electrical Inspector of the Federation

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

Some of the key activities and achievement in 2023 include:

1. Inspection of New Electrical Installation Projects

In the year 2023, the IFOs inspected and tested **3033** new electrical installations/power projects, of which **1818** electrical projects were certified, while **1215** electrical projects not certified along the power value chain and utilization.

From the statutory inspections of New Electrical installation projects, the following milestone was achieved across the DisCos;

- i. **985.64MW** of Distribution Transformer Capacity was added to the network,
- ii. **915.215(KM)** of 33kV Feeder Length was added, **471.798(KM)** of 11kV Feeder Length was added, and **543.901(KM)** of LT Feeder Length was added to the respective networks.
- iii. **159** Substandard electric Concrete Poles were removed, **850m** of electrical cables & conductors were removed, **177** faulty tie-straps & **646** bolts & nuts were removed, **39** Nos out of specification transformers etc. were removed from the network.

Table 1: New Electrical Installation Projects Inspected in year 2023

S/N	FIELD INSPECTORATE OFFICES	DISCO COVERED	NEW ELECTRICAL PROJECTS INSPECTED	CERTIFICATION STATUS OF PROJECT INSPECTED		DISTRIBUTION TRANSFORMER CAPACITY ADDED MW	FEEDER LENGTH ADDED		
				CERTIFIED	NON-CERTIFIED		33KV KM	11KV KM	LT KM
1	ABEOKUTA	IBEDC	274	251	23	99.98	177.892	41.726	197.34
2	ARUJA	AEDC	47	20	27	81.36	40.85	0.9	44.28
3	AKURE	BEDC	57	29	28	91.52	53.9	15.91	8.96
4	BAUCHI	JEDC	46	7	39	11.856	16.5	22.8	13
5	BENIN	BEDC	941	290	111	85.793	10.25	51.194	27.37
6	ENUGU	FEDC	863	589	22	18.44	5.5	0	3.9
7	IBADAN	IBEDC	235	29	206	84.24	89.255	27.375	47.969
8	ILORIN	IBEDC	102	44	58	43.764	20.41	9.515	24.82
9	JOS	JEDC	109	86	17	24.38	62.45	8.68	78.66
10	KADUNA	KAEDC	69	11	58	108.56	1.05	15.95	6.28
11	KANO	KEEDC	195	50	145	91	56	5	10
12	LAGOS (ERO)	EKEDC	911	224	87	104	9	21	0
13	LAGOS (OSH)	IBEDC	820	200	320	50.44	99.7	218.31	0
14	MAIDUGURI	YEDC	90	85	5	29.98	109.9	5.22	24.15
15	OWERRI	FEDC	86	44	42	13.62	36.42	9.26	8.80
16	PORT-HARCOURT	PHEDC	177	23	154	40.372	10.372	2.994	0.63
17	SOKOTO	KAEDC	51	6	45	38.17	11	14	36.65
18	UYO	PHEDC	79	60	19	30.76	25.067	6.215	16
19	YOLA	YEDC	89	90	9	20.26	23.997	17.96	87.11
	TOTAL		3033	1818	1215	985.64	915.2	471.8	543.9

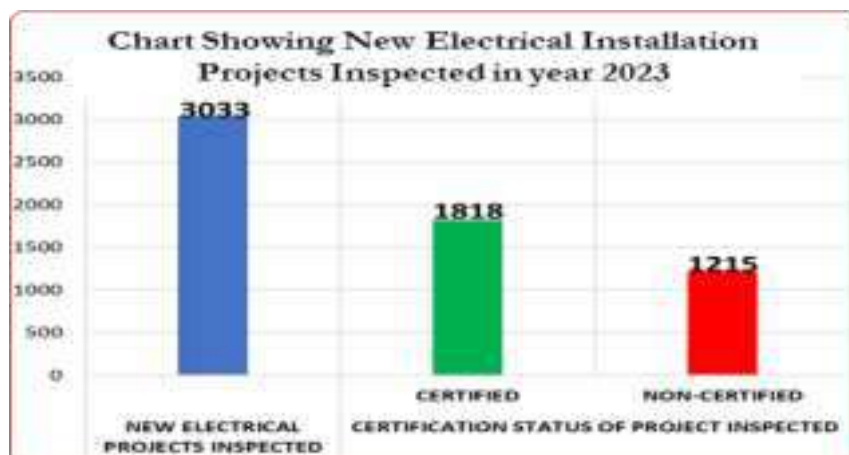


Figure 1: Chart Showing New Electrical Installation Projects Inspected in year 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

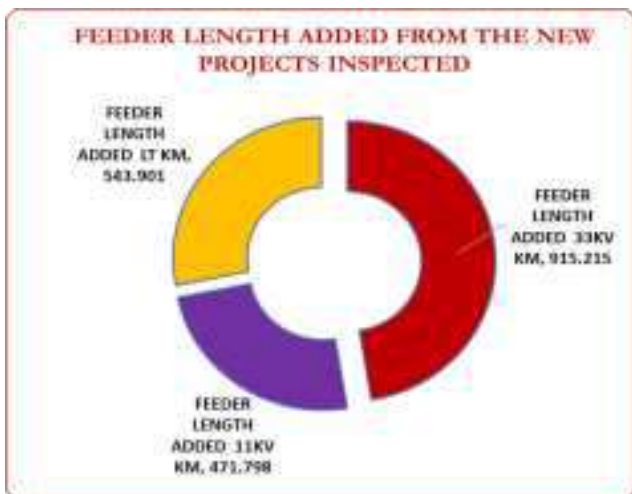


Figure 2 Graphical representation has shown that there is expansion of 11kv lines than the 33kv lines which may be as a result of compliance with NEMSA's guidelines on the restriction of the use of 33kV primary feeder lines for point loads transformers connection.

Figure 2: Chart Showing Feeder Length added from Electrical Installation Projects Inspected



Figure 3: Substandard electrical materials/ equipment removed from system in year 2023

Table 2: Substandard Electrical Materials/Equipment Removed from the System (Jan – Dec. 2023)

#	IFO	DISC	CONDUCTORS & CABLES (m)	INSULATORS	TIE STRAPS	STAY WIRES	TRANSFORMERS	POLES	ISOLATORS	CROSS ARMS	NUTS & BOLTS	FEEDER PILLAR	LIGHTNING ARRESTORS	CHANNEL IRON
1	ABUJA	AEDC	0	0	0	0	0	0	0	0	0	0	0	0
2	BENIN	BEEDC	33	0	11	0	4	20	0	0	0	1	0	2N/A
3	ENUGU	EEEDC	0	0	0	0	0	0	0	0	114	0	0	2N/A
4	ILOFIN	AEDC/1 BEEDC	52	0	2	0	3	0	0	0	8	0	0	2N/A
5	OWERRI	EEEDC	0	0	0	0	0	0	0	1	4	0	0	2N/A
6	PORT HARCOURT	PHEDC	0	0	0	0	3	0	0	0	6	0	0	2N/A
7	UYO	PHEDC	0	0	0	0	0	0	0	0	0	0	0	2N/A
8	JOS	JEEDC	0	0	0	0	0	0	0	0	0	0	0	0
9	BAUCHI	JEEDC	0	0	0	2	0	0	0	0	0	0	0	0
10	KADUNA	KAEDC	0	0	0	0	0	0	0	10	0	0	0	0
11	KANO	KEEDC	537	0	2	62	14	126	3	0	405	13	0	51
12	MAIDUGURI	VEEDC	0	0	3	0	0	0	0	0	0	0	0	0
13	SOKOTO	KAEDC	0	0	0	0	0	0	0	2	0	0	0	1
14	YOLA	YEEDC	0	0	9	0	0	0	0	50	0	1	0	0
15	ABEDOKUTA	BEEDC	51	0	0	0	1	0	0	64	93	0	0	72
16	AKURE	BEEDC	174	0	148	0	0	12	0	5	16	1	0	0
17	EKO	ENEDC	1	1	2	0	8	0	0	0	0	1	0	0
18	IBADAN	IBEDC	0	0	0	0	1	1	0	0	0	0	0	0
19	OSHODI	IKEDC	0	0	0	0	3	0	0	4	0	0	0	0
	TOTAL		850	1	177	64	39	159	3	142	646	17	0	123

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

2. Inspection of Electric Concrete Pole Manufacturing Plants & Products

- i. Electric concrete poles are used to support distribution power lines, transformers etc.
- ii. Breakdown or failure of any one or more of these components can lead to outage and possible electrical accident and cause a huge loss to any organization but most importantly to the utility companies.
- iii. IFOs have inspected a total of **82** electric concrete pole manufacturing plants & products, out of which **37** were certified and **45** are yet to be certified.

Table 3: Electric Concrete Pole Manufacturing Plants & Products Inspected (Jan-Dec. 2023)

#	Inspectorate Field Offices	Total No Inspected		
		CERTIFIED	NON-CERTIFIED	TOTAL POLES INSPECTION PLANTS
1	Abuja	1	1	2
2	Abeokuta	4	2	6
3	Akure	9	7	16
4	Bauchi	0	3	3
5	Benin	2	2	4
6	Enugu	1	7	8
7	Ibadan	11	0	11
8	Ilorin	1	5	6
9	Jos	0	6	6
10	Kaduna	2	2	4
11	Kano	1	0	1
12	Lagos (Oshodi)	0	0	0
13	Lagos (Eko)	0	0	0
14	Maiduguri	2	0	2
15	Owerri	1	6	7
16	Port-Harcourt	1	0	1
17	Sokoto	0	0	0
18	Uyo	1	0	1
19	Yola	0	4	4
	TOTAL	37	45	82

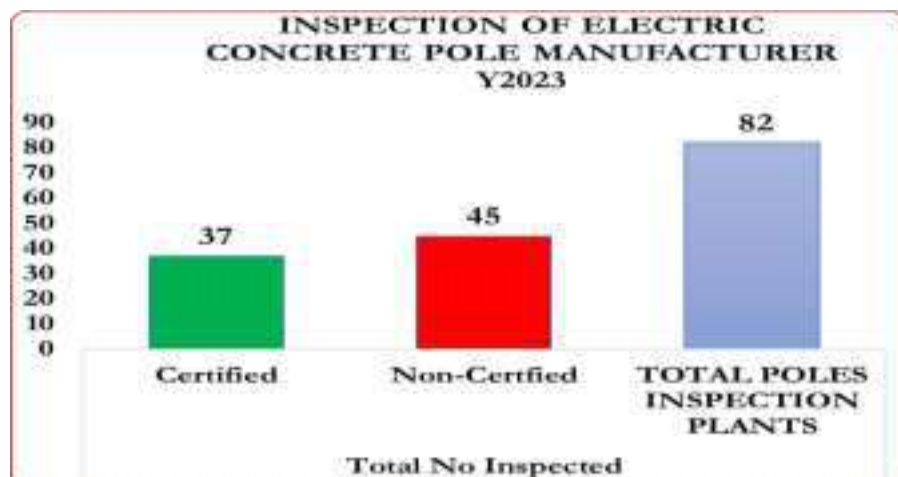


Figure 4: Chart Showing Electric Concrete Pole Manufacturing Plants & Products inspected in 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

3. Inspection, Testing And Certification Of Transmission Projects

- i. The inspection of Transmission lines & substation projects, that are properly planned, designed, & executed before use in line with technical standard and extant regulation.
- ii. IFOs have inspected a total of **3** Transmission projects nationwide.

Table 4: Transmission Projects Inspected

LIST OF TRANSMISSION PROJECTS INSPECTED 2023						
S/N	NAME OF PROJECT/LOCATION	SCOPE OF PROJECT	NAME OF CLIENT	NAME OF CONTRACTOR	DATE OF INSPECTION	STATUS: CERTIFIED/NON-CERTIFIED
1	Inspection & Testing of 1x60MVA, 132/33KV at Apo Transmission Station, Abeja.	1x60MVA, 132/33KV	FGN Power	Sontrus	2023	Not Certified
2	Inspection & Testing of 2.5KM of 132KV Transmission line with Associated 40MVA 132/33KV Tx S/s at Zebered Quarry, Arsh Road, Kibwa, Abuja.	2.5KM of 132KV Transmission line with Associated 40MVA, 132/33KV Tx.	Mainstream Energy Solutions LTD	Beaton Integrated Power LTD	25/8/23	Sub-station Certified
3	Inspection & Testing of 132KV O-H lines from Katampe Tx station to Kikwaba Tx station, Abuja.	132KV O-H line	TCN	Enerco	3-6/7/23	Not Certified

4. Inspection of Renewable Energy Projects across the Nineteen (19) Inspectorate Field Offices in 2023:

The Nineteen (19) IFO inspected and tested a total number of **68** new Solar Mini grid installations/power projects out of which **39** were **certified** fit for use, while **29** failed. From the projects inspected a total of **19km** feeder length of 33kV and **144.3km** feeder length of 400V (LT) were added to the distribution network. Also from the Solar Mini grid projects installations inspected, a total of **15.758MW** capacity of the system was added.

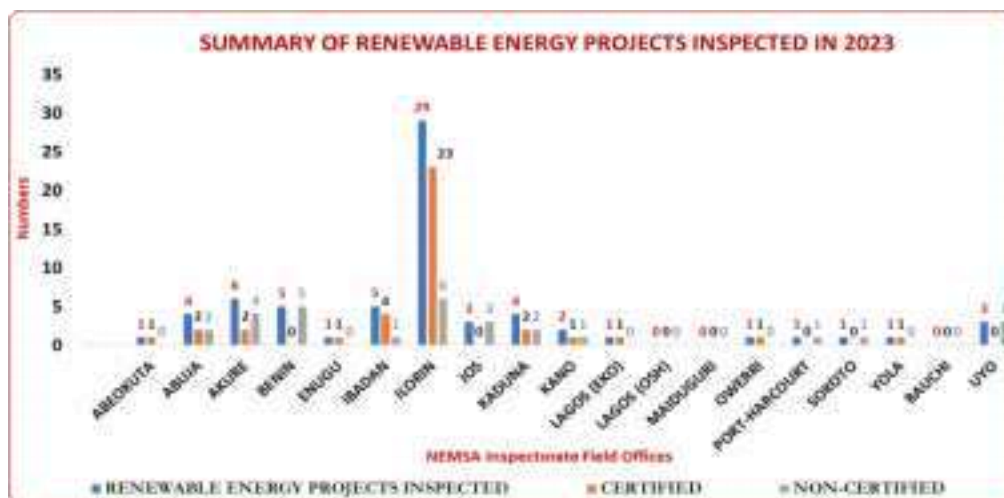


Figure 5: Chart Showing Renewable Energy Projects Inspected in 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

Table 5: Renewable Energy Projects Inspected

S/N	INSPECTORATE FIELD OFFICES	RENEWABLE ENERGY PROJECTS INSPECTED	CERTIFICATION STATUS OF PROJECT INSPECTED		CAPACITY OF THE SYSTEM ADDED		FEEDER LENGTH ADDED			INSPECTION FEE
			CERTIFIED	NON-CERTIFIED			33KV	11KV	LT	
					kw	MW	KM	KM	KM	Naira
1	ABEOKUTA	1	1	0	100.00	0.1	0	0	0.08	362,812.50
2	ABUJA	4	2	2	449.00	0.449	0	0	16.3	2,585,125.00
3	AKURE	6	2	4	379.40	0.3794	0	0	23.4	1,936,600.00
4	BENIN	5	0	5	294.10	0.2941	0	0	5.72	1,333,625.00
5	ENUGU	1	1	0	105.00	0.105	0	0	1.0	405,000.00
6	IBADAN	5	4	1	601.00	0.601	0	0	2.053	1,305,322.00
7	ILORIN	29	23	6	993.00	0.993	0	0	71.74	2,516,097.92
8	JOS	3	0	3	400.90	0.4009	0	0	5	1,639,643.75
9	KADUNA	4	2	2	197.83	0.19783	0	0	15.35	1,013,725.50
10	KANO	2	1	1	11000.00	11	19	0	0	6,541,568.00
11	LAGOS (EKO)	1	1	0	937.00	0.937	0	0	0	873,437.50
12	LAGOS (OSH)	0	0	0	0.00	0	0	0	0	0
13	MAIDUGURI	0	0	0	0.00	0	0	0	0	0
14	OWERRI	1	1	0	100.00	0.1	0	0	0	294,012.50
15	PORT-HARCOURT	1	0	1	100.44	0.10044	0	0	1.2	492,350.00
16	SOKOTO	1	0	1	0.00	0	0	0	0	381,087.50
17	YOLA	1	1	0	100.00	0.1	0	0	3.5	328,000.00
18	BAUCHI	0	0	0	0.00	0	0	0	0	0
19	UYO	3	0	3	0.00	0	0	0	0	960,225.00
	TOTAL	68	39	29	15757.7	15.75767	19	0	144.3	22,968,632.17

4. Electricity Meter Tested in 2023

The table and chart below show the total number of electricity meters tested per type of tests and the numbers that passed and failed.

Table 6: Breakdown of Electricity Meters Tested & Passed

#	TEST TYPE	TOTAL ELECTRICITY METERS TESTED	TOTAL ELECTRICITY METERS PASSED	TOTAL ELECTRICITY METERS FAILED
1	Type Test	109	109	0
2	Routine Test	739,733	739,695	38
3	Recertification Test	82	60	22
	GRAND TOTAL	739,924	739,864	60

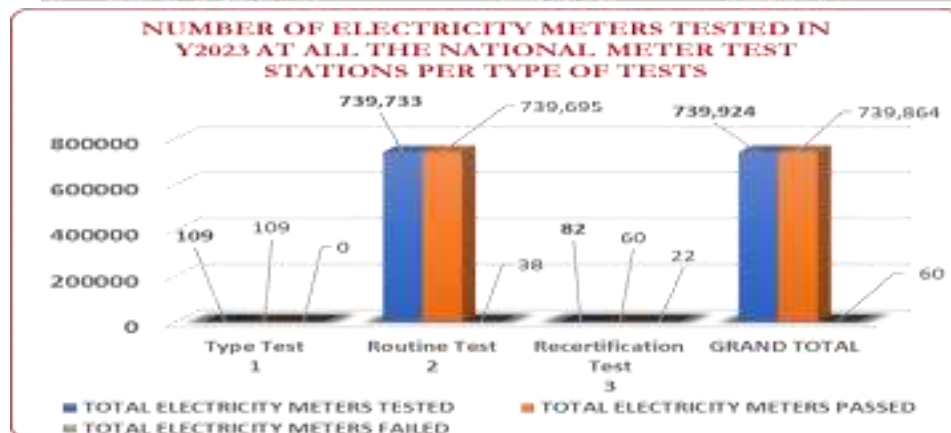


Figure 6: Chart Showing Number of Electric Meters Tested in 2023 by NMTS Per Type of Tests

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

Type Test: 109 different brands of electricity meters were type tested in the year 2023. See chart below showing the number of electricity meters type tested per month.



Figure 7: Chart Showing Total Number of Type Tests carries out in 2023 per Month

Routine Test: The National Meter Test Stations Routine tested a total of 739,733 Electricity Meters in the Y2023.



Figure 8: Total Number of Routine tests Carried out Per Month in Year 2023

Recertification/Dispute Resolution:

Under the Dispute resolution/recertification exercise a total of 82 number Electricity Meters were tested to ascertain their Integrity/compliance with the provisions of the Nigeria Metering Code Version 02. See chart below for ease of reference:



Figure 9: Total Number of Routine Re-certification Tests carried out per month in 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

5. NEMSA Certified Electricity Meters and Instruments Manufacturing/Assembling Companies in Nigeria

A total of Four (4) Electricity Meters and Instruments manufacturing/assembling companies were certified by NEMSA in the year 2023 after satisfactory Inspection, Test and Certification of their manufacturing/assembling facilities including manufacturing equipment and mandatory quality control system in place. Also, these companies have demonstrated adherence to safety requirements, technical standards, and regulations in line with Electricity Act 2023 and other extant regulations. Please, find below Year 2023 list of NEMSA certified manufacturing/assembling companies.

Table 7: NEMSA Certified Electricity Meters and Instruments Manufacturing/Assembling Companies in Nigeria

#	NAME OF FACTORY	LOCATION	ADDRESS
1	CRESTFLOW ENERGY LIMITED	ANAMBRA	53 ENUGU ONITSHA ROAD, AMAFOR-NKPOR, ANAMBRA STATE
2	KIGG METERS AND SYSTEMS LIMITED	ABUJA	PLOT 899, INDUSTRIAL AREA AND EXTENSION, IDU INDUSTRIAL AREA, ABUJA
3	DEEP VISION BUSINESS VENTURES LIMITED	KANO	NO. 1 INDEPENDENT ROAD, BOMPAL, KANO STATE.
4	WELLSUN INTELLIGENT TECHNOLOGY LTD	LAGOS	27B, PETER OJO STREET, OFF AGO PALACE WAY, VICTORY ESTATE, OKOTA, LAGOS STATE

6. Engineering and Chemical Laboratory total Oil Samples Tested

A total of **61** Numbers of transformer and lubricating oil samples were tested and analysed in the year 2023 with **47** samples passed while **14** samples failed. See the below chart for ease of reference.

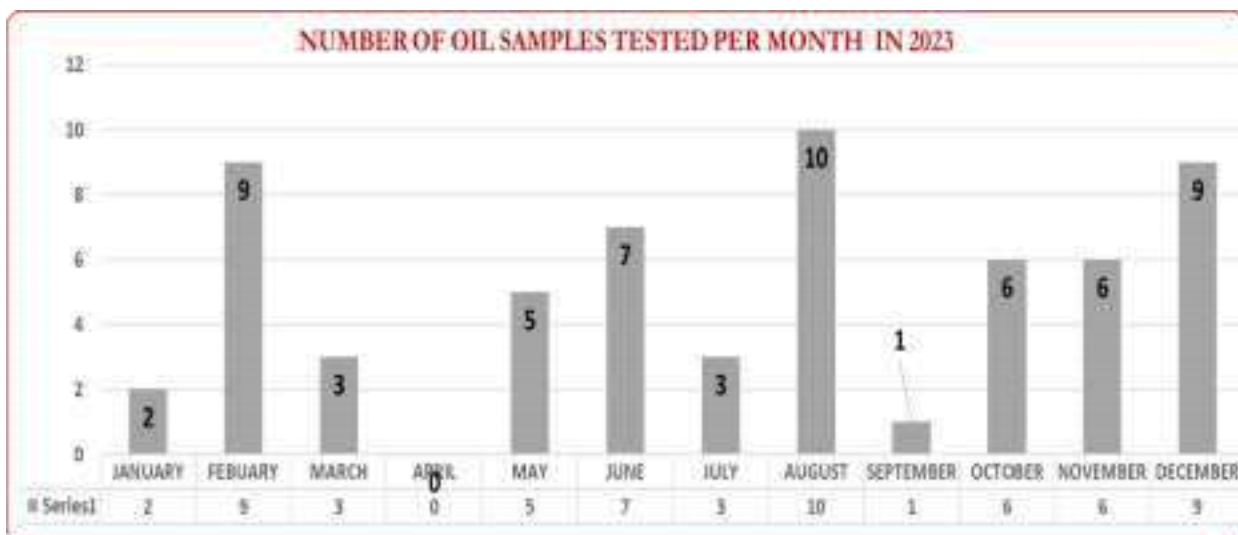


Figure 10: Total Number of Oil Sample Tested Per Month in Year 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

6. Other Metering, Laboratory Services Activities carried out in 2023:

Capacity expansion of the MLSD, NEMSA: Completion of construction of National Meter Test Stations in Kano and Benin City; awaiting resources of test equipment and staff before commissioning.

Repair of faulty Test Equipment/Training: The repair and calibration of the MTE Three Phase K2006 Comparator at Oshodi National Meter Test Station was carried out by the Original Equipment Manufacturer (OEM).

Provision of additional Mobile Test equipment: Procurement of test equipment for all the National Meter Test Stations to boost the quality of our services especially with regards to the reliability and accuracy of our test results, they are:

- i. Purchase & Installation of Three Phase Stationary Meter Test Bench, Mobile Test Equipment and Three Phase Comparator/Calibrator Equipment.
- ii. Purchase & Installation of Current Transformer Analyzer.
- iii. Purchase & Installation of Three Phase Injection Substation Test Set, and Waterproof Test Chamber Equipment.
- iv. Purchase of Stationary Three Phase Meter Test Bench, Mobile Test Equipment and Three Phase Comparator/Calibrator Test Equipment NMTS Benin.
- v. Procurement of Portable Impulse Voltage Generator, Insulation and Earth Tester and PGK 80 E BAUR DC HV Test Equipment.
- vi. Procurement of IP Probe Anti-Electric Shock and 10KV Dielectric Strength Test Equipment.
- vii. Purchase of Mobile Portable Working Standard three phase portable electronic meter Test Equipment for NMTS Port Harcourt and Kaduna.

NEMSA electricity meters generation museum/gallery at the National Meter Test Stations:

- i. Completion of electricity meters generation museum/gallery at the National Meter Test Station Kaduna (awaiting commissioning).
- ii. Completion of electricity meters generation museum/gallery at the National Meter Test Station Port Harcourt (awaiting commissioning).
- iii. Electricity meters generation museum/gallery at the National Meter Test Station Enugu (construction ongoing).

Provision of serialized meter crimp seal embossed with NEMSA inscription:

Procurement and delivery of 450,000 serialized meter crimp seal embossed with NEMSA inscription for Four (4) National Meter Test Stations (NMTS) Oshodi-Lagos, Port-Harcourt, Kaduna and Enugu.

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

7. Electrical Accident Investigated by the Inspectorate Field Offices in Year 2023

The statistics and summary of electrical accidents/Electrocutions reported and investigated in the year 2023 by the nineteen (19) Inspectorate Field Offices have been collated and reviewed:

- i. The total number of electrical accidents/electrocutions reported and investigated in the year 2023 was thirty-seven (37), thirty-five (35) from IFO'S and two (2) accident was reported by TCN but not reported for investigation at any IFO, the electrical accidents have twenty-eight (28) injuries and forty-one (41) fatalities.
- ii. The most prevalent cause of electrical accidents in the period under review was of faulty electrical equipment, which is about 27% of the total incidences, followed by negligence/lack of safety precautions and act of vandalisation which has 21.6% and 18.9% respectively.
- iii. The case of incidences from faulty equipment claimed the life of eleven (11) people from ten incidences, while incidences from act vandalization to electric power infrastructure claimed the life of six (6) people with seven incidences.
- iv. In the period under review, the number of accidents involving third parties are Forty-one (41) and claimed the lives of thirty-seven (37) people, while the number of accidents involving utility staff was twenty-eight (28) with four (4) fatalities.



Figure 11: Electrical Accidents Investigated by IFOs in Year 2023

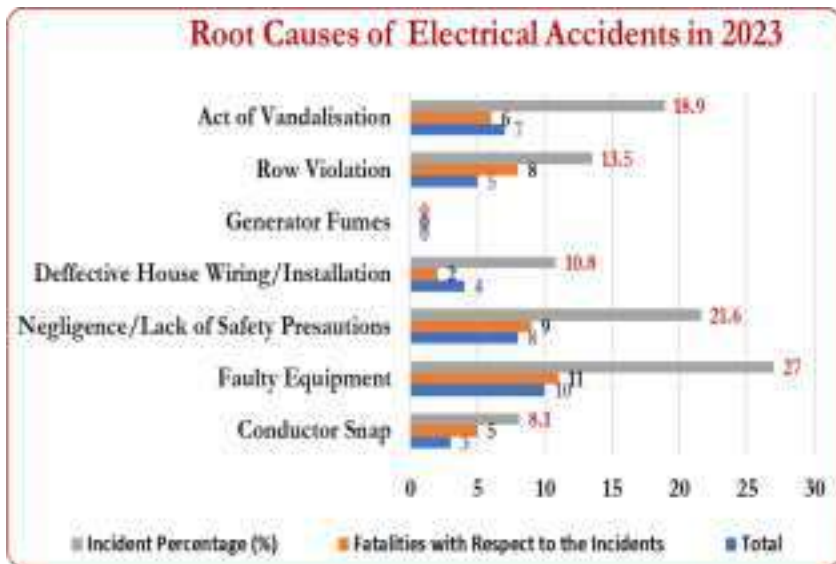


Figure 12: Root Causes of Electrical Accidents in Year 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

8. Inspection of Factories, Public Places and Hazardous Location:

The inspection of factories, public places, and hazardous locations for the year 2023 by the nineteen IFO'S nationwide indicates:

- i. Total number of factories, public places, and hazardous locations inspected in the year 2023 was 1242 which has the total for each as 399, 677 and 176 being the return for factories, public places, and hazardous locations, respectively in the year 2023.
- ii. IFO Benin, Port Harcourt and Kano have the highest inspection of factories, public places, and hazardous locations of 234, 134 and 120 respectively while IFO Bauchi and Abuja recorded the lowest number of inspected factories in the year 2023.

9. Monitoring Exercise of Existing Network carried out by Inspectorate Field Offices Nationwide:

All Nineteen (19nos) IFO's carried out a total number of **3348** monitoring exercise of existing 33kV primary feeder lines nationwide for distribution subsector and out of which just **134** were corrected and resolved representing **4%** of the total existing network monitored, while **3,214** are yet to be rectified by all the Distribution Companies.

Table 8: Performance on Monitoring of Existing Network in Year 2023

#	INSPECTORATE FIELD OFFICES	NETWORKS MONITORED	NETWORKS RESOLVED	NETWORK UNRESOLVED	% of NETWORK RESOLVED
1	Abeokuta	104	1	103	1%
2	Abuja	214	4	210	2%
3	Akure	182	0	182	0%
4	Bauchi	311	0	311	0%
5	Benin	177	0	177	0%
6	Eko	284	40	244	14%
7	Enugu	160	0	160	0%
8	Ibadan	196	0	196	0%
9	Ilorin	205	0	205	0%
10	Jos	288	7	281	2%
11	Kaduna	125	49	76	39%
12	Kano	74	2	72	3%
13	Maiduguri	88	23	65	26%
14	Oshodi	237	0	237	0%
15	Owerri	48	0	48	0%
16	Port Harcourt	155	1	154	1%
17	Sokoto	203	0	203	0%
18	Uyo	160	7	153	4%
19	Yola	137	0	137	0%
	TOTAL	3348	134	3214	4%

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

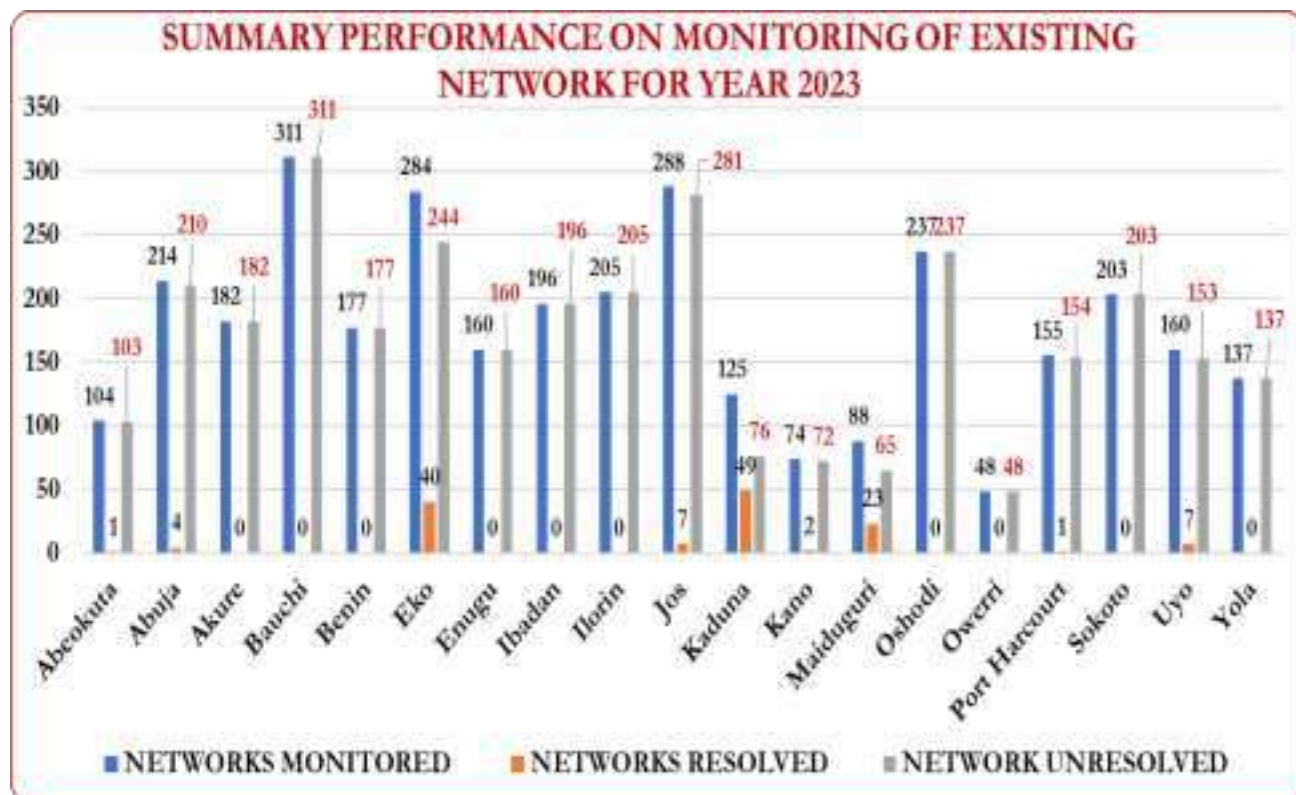


Figure 13: Performance on Monitoring of Existing Network Year 2023

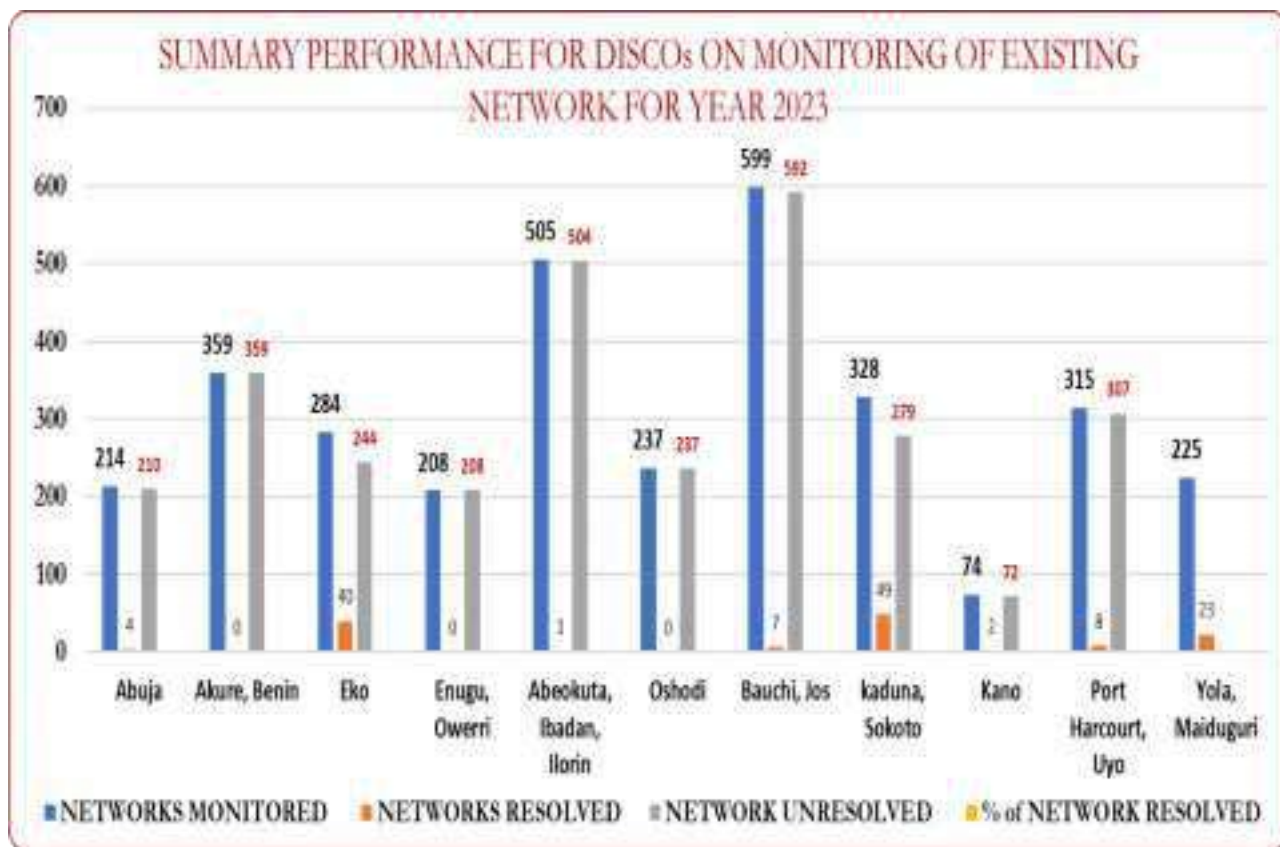


Figure 14: Summary Performance of DisCos on Monitoring of Existing Network in year 2023

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

Table 9: Performance for DisCos on Monitoring of Existing Network in year 2023

#	DISCO	IFO	NETWORKS MONITORED	NETWORKS RESOLVED	NETWORK UNRESOLVED	% of NETWORK RESOLVED
1	Abuja	Abuja	214	4	210	2%
2	Benin	Akure, Benin	359	0	359	0%
3	Eko	Eko	284	40	244	14%
4	Enugu	Enugu, Owerri	208	0	208	0%
5	Ibadan	Abeokuta, Ibadan, Ilorin	505	1	504	0%
6	Ikeja	Oshodi	237	0	237	0%
7	Jos	Bauchi, Jos	599	7	592	1%
8	Kaduna	Kaduna, Sokoto	328	49	279	15%
9	Kano	Kano	74	2	72	3%
10	Port Harcourt	Port Harcourt, Uyo	315	8	307	3%
11	Yola	Yola, Maiduguri	225	23	202	10%
TOTAL			3348	134	3214	4%

10. Certification of Electrical Personnel:

Conducted Sixteen (16) Competency interviews/examinations in the following Zonal Certification Panels: Abuja (2), Akure (1), Bauchi (1), Benin (1), Ibadan (1), Kaduna (2), Lagos (Eko) (2), Lagos (Oshodi) (2), Port Harcourt (2), Sokoto (1), Owerri (1).

New Issuance and Renewal of competency certificates:

S/N	O	CATEGORY	NEW	RENEWAL
CONVENTIONAL				
1		CORPORATE	552	1094
2		A	204	438
3		B	87	158
4		C	211	327
5		D	483	493
		TOTAL	1537	2509
METERING				
6		CORPORATE	0	0
7		1	4	0
8		2	30	0
		TOTAL	34	0
RENEWABLE ENERGY				
9		CORPORATE	2	0
10		1	2	0
11		2	0	0
		TOTAL	4	0
TECHNICAL PERSONNEL				
12		1	3	0
13		2	4	0
14		3	2	0
		TOTAL	9	0
		GRAND TOTAL	1584	2509

Table 10: New Issuance and Renewal of competency certificates

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

11. Safety Ranking of the Sector Service provider

Table 11: Safety Ranking of DisCos & TCN in 2023

#	DISCO	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
1	ABUJA	7	5	5	6	4	10	9	7	5	4	4	8	10
2	BENIN	8	5	6	1	6	10	5	4	3	8	3	3	7
3	EKO	1	1	9	8	9	8	3	1	2	7	6	4	6
4	ENUGU	5	6	3	7	3	4	7	3	2	2	7	5	5
5	IBADAN	10	8	8	4	7	3	10	6	8	6	9	7	11
6	IKEJA	9	3	5	3	2	11	6	5	6	4	5	4	8
7	JOS	6	9	7	9	6	6	8	9	9	9	8	6	12
8	KADUNA	4	4	1	5	4	5	4	5	7	5	3	4	3
9	KANO	3	2	2	1	1	1	2	4	4	8	10	1	2
10	PORT HARCOURT	2	5	4	2	8	2	1	8	1	1	2	2	1
11	YOLA	5	7	5	5	5	7	1	2	10	2	1	2	4
12	TCN	9	5	5	5	4	9	5	5	8	3	3	4	9

12. Row Violated Premises/Structure from Power Supply

Table 12: Total Premises/Structures Disconnected in 2023

#	DISCO	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1	ABUJA	0	0	0	0	0	0	0	0	0	44	0	0	44
2	BENIN	0	0	0	0	0	0	0	0	0	0	0	0	0
3	EKO	5	6	0	17	33	7	18	6	0	6	14	1	113
4	ENUGU	2	0	9	5	22	10	9	11	4	0	5	0	77
5	IBADAN	6	19	21	10	11	47	51	55	51	11	11	19	312
6	IKEJA	0	0	0	0	0	0	0	0	0	0	0	0	0
7	JOS	9	14	14	54	49	13	20	5	8	0	9	3	198
8	KADUNA	0	0	0	0	0	0	0	0	0	0	0	0	0
9	KANO	9	12	11	3	3	22	4	26	20	33	20	7	170
10	PORT HARCOURT	0	0	0	0	0	0	0	0	0	0	0	0	0
11	YOLA	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	31	51	55	89	118	99	102	103	83	94	59	30	914

Notes: Total Premises/Structures Disconnected

1. Compliance by Discos to disconnect premises/buildings/structures under and within right-of-way of power lines has been unsatisfactory.
2. Discos are to note that they will be liable should electrical accidents occur in premises/buildings/structures which are under and/or within right-of-way of power lines and which the Discos are supplying electricity to.

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

13. Internally Generated Revenue (IGR):

In the year 2023, the Agency's National Meter Test Stations (NMTS), Inspectorate field offices (IFOs), Warehouses, Engineering and Chemical Laboratories and Head Quarters generated the sum of ₦2,416,411,143.63 from its statutory functions and activities/operations, this is inclusive of input cost.

14. Legal Representation:

- (i) **NEMSA Vs. AMAC** Suit No: AMAC/K/PC/0444/2023 in the Magistrate Court of the FCT, Zone 6 where NEMSA was requested to answer to a claim of failure to pay AMCA wrong parking/parking charges – **ongoing**.
- (ii) **NEMSA Vs. AMAC** Suit No: AMAC/FHC/033/2023 in the Magistrate Court of the FCT Zone 2, where NEMSA was sued by AMAC for an offence of habiting a premises without causing an inspection of the premises, obtaining a report of inspection and a certificate of fitness for habitation/continuous habitation – **stroke out in favor of NEMSA**
- iii) **Laila Suleiman and 7 others Vs. Jos Electricity Distribution Company PLC** Subpoena Duces Tecum which mandates the Agency to Appear before the High Court of Justice of Benue State, Makurdi (High Court 4) – **Report/Documents were tendered to the Court by NEMSA.**
- (iv) **NEMSA Vs. AMAC** Suit No: AMAC/TR/1838/23 in the Magistrate Court of FCT Zone 2 Court 3 where NEMSA was sued by AMAC for an offence of Failure to pay Tenement Rate Contrary AMAC bylaw – **the matter was stroke out in favor of NEMSA.**
- (v) **Mr. Nendel Gomwalk Vs. NEMSA and 4 Others** at the High Court of the Federal Capital Territory Apo Court 30) the Respondents to complete forthwith the execution of the project of installation of 100kva Transformer t the Applicant House. – **ongoing.**
- (v) Hosted the Roundtable Programme for Legislature and Judiciary on Enforcement of Technical Standards & Regulations and Mandate of the NEMSA, held on 27/11/2023 Abuja – **Successfully hosted.**

15. NEMSA SERVICOM:

- i. A total of Nine hundred and seventy (970) enquiries and complaints were received via telephone calls, WhatsApp, and email for the year 2023. 535 enquiries and complaints were resolved within this period while complaints were carried over to year 2024.
- iv. The Agency celebrated the annual customer service week on 7th November 2023 and the NEMSA Integrated Charter was launched at the occasion.

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023



Figure 15: Group Picture of Guest, NEMSA management team and Staff at the SERVICOM Event

16. Strategic Plan of the Agency

The Agency has developed its strategic plan and the management team planned a retreat to deliberate on the implementation of the strategic document.

17. NEMSA Meetings and Collaboration with Stakeholders:

- i. NEMSA team led by the MD/CEO of NEMSA & CEIF paid a courtesy visit to Ikeja Electricity Distribution Company, Lagos State
- ii. Monitoring of Network at Ikeja DisCos led by the MD/CEO of NEMSA & CEIF
- iii. NEMSA team led by the MD/CEO of NEMSA & CEIF paid a courtesy visit to Eko Electricity Distribution Company, Lagos State and carried out monitoring of Eko DisCo networks.
- iv. Three times Roundtable Interactions with the Media.
- v. NEMSA Board Meeting in Abuja
- vi. MD/CEO of NEMSA & CEIF paid a courtesy visit to World Bank office in Nigeria
- vii. MD/CEO & NEMSA staff at the Nigeria Energy Event at Landmark Event Centre, Lagos
- viii. NEMSA Management team paid a courtesy visit to the Minister of Budget and National Planning
- ix. NEMSA Management team paid a Briefing visit to the Honourable Minister of Power on its Activities.
- x. NEMSA'S Collaborations with Successor Nigeria Ltd - Training workshop on leading teams for higher performance (20/2/2023)

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

- xii. MD/CEO paid a Courtesy visit to the Accountant-General of the Federation.
- xiii. NEMSA collaboration with Gladsila Solutions - Training on Public Service Procedure and office routine in Nassarawa State (1-03-2023).
- xiv. The visit of XEM Consulting Ltd to NEMSA Headquarters on 10/2/2022
- xv. NEMSA collaboration with KONRAD ADENAUER STIFUNG: Capacity building for Management and staff of NEMSA (17/04/2023).
- xvi. Meeting between NERC and NESI health and safety managers at NERC HQ. (08-10/05/2023
- xvii. NEMSA board meeting held at Palms hotel, Abuja (10/05/2023
- xviii. The Minister of State (Goddy Jaeddy Agba OFR) visit to NEMSA on 26/05/23
- xix. The Award of ICON of societal transparency by Arewa Youth Vanguard to the MD/CEO of NEMSA & CEIF on 09/07/2023
- xx. The courtesy visit of the Taraba State commissioner of Energy and Economic Development, Engr. Naomi Tanko to the NEMSA HQ on 25/08/2023
- xxi. The African National Investment Summit (AFNIS) at ICC on 31-2/11/2023
- xxii. The Northern Nigerian students' forum (NNFIS) paid a courtesy visit to the MD/CEO on 09/11/2023
- xxiii. The courtesy visit by the African Development Bank AFDB to NEMSA on 22/09/23
- xxiv. The official briefing of the newly appointed Minister of Power on its mandate by the Management of NEMSA on 26/09/2023.
- xxv. NEMSA Management team's courtesy visit to the Minister of Budget and National Planning on 26/09/2023.
- xxvi. The Executive Leadership retreat attended by the MD/CEO of NEMSA on 22/11/2023
- xxviii. The courtesy visit by the National Polytechnic Students of Nigeria to the MD/CEO of NEMSA on 24/11/2023
- xix. The inauguration of the Governing Board of the Institute of Power Engineers in Nigeria on 24/11/2023
- xx. The official visit of the Port Harcourt Electricity Distribution company (PHEDC) to the NEMSA Headquarters on 30/11/2023



Figure 16: MD/CEO Courtesy visit to the Accountant –General of the Federation

ACTIVITIES AND ACHIEVEMENT IN YEAR 2023

18. NEMSA Media Activities on the Mandate and Activities of the Agency

Media Appearances: The MD/CEO NEMSA appeared as a guest on the NTA Network, “Good Morning Nigeria” show on 22/11/2023. He spoke on the Power Sector Privatization 10 years after.

Media Engagement: The MD/CEO NEMSA had two breakfast meetings with the Power Sector Correspondents in Abuja. Each of the outing was very interactive and increased their understanding of NEMSA and as such reported better in the course of the year.



Figure 17: MD/CEO of NEMSA Media briefing

Production and Airing of NEMSA programmes and activities in the media (Electronic & Print): Weekly Radio Programme on Radio Nigeria (FRCN) Network titled “NEMSA: Service and Safety” half hour airing every Wednesday at 4:30pm.

19. Year 2023 Staff Promotion Examination

As part of Management efforts to motivate staff for greater productivity and career enhancement, the 2023 staff promotion examination was conducted between 23rd and 24th October, 2023 at the Army Resource center .

20. Analysis of Power Sector Data on Generation & Transmission:

Trend Analysis on generation and transmission data based on TCN daily report provides vital information on service delivery in the sector within the period under review.

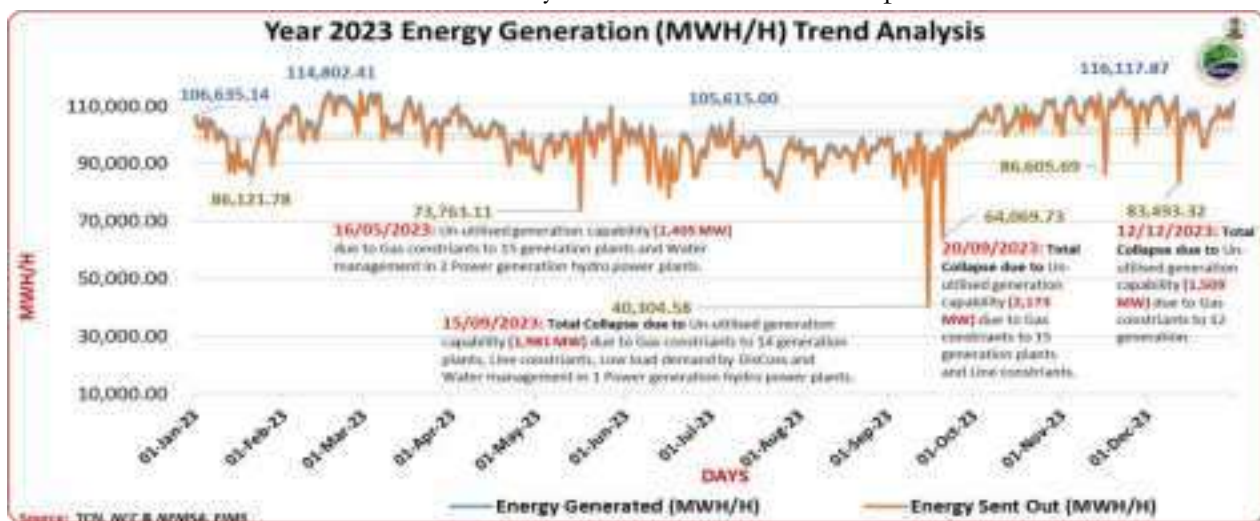


Figure 18: Energy Generation trend in year 2023

CHALLENGES IN YEAR 2023

1. NEMSA is yet to acquire a permanent HQ Office accommodation.
2. Inadequate funding to cope with NEMSA's activities which include:
 - i. Technical Inspection, Testing and Certification of power systems and networks nationwide with long distance coverage by the Inspectorate Field offices.
 - ii. Monitoring of existing networks, power infrastructure which requires numerous trips by personnel of the Agency to various locations nationwide.
 - iii. Staff training/capacity building programmes (internal/external), etc. to boost human capacity development and gradually eliminate personnel capacity gap on the Agency mandate.
 - iv. Maintenance/Renovation of the Agency's facilities such as; the National Meter Test Stations, Chemical & Engineering laboratory, NEMSA Clinic, Inspectorate Field Offices (IFO) Nationwide, ICT infrastructure, the Security Surveillance Equipment, etc.
 - iv. Provision of State-of-the-Art Test Equipment & Operational Vehicles for effective discharge of our statutory activities.
3. Inadequate technical staff strength for the effective coverage of the entire country.
4. Inadequate Inspectorate Field Offices and Meter test stations for effective coverage of the entire country.
5. Aged Operational Vehicles need to be replaced and more need to be acquired.
6. Possible infringement on NEMSA's statutory activities by States Agencies due to the recent Constitutional Amendment and signing of the Electricity Act 2023.



WAY FORWARD

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01

Revenue Drive towards Self-Sustainability

02

Expansion of NEMSA's IFOs activities to cover all areas of the Mandate

03

Automation of NEMSA's processes

04

Re-alignment of Activities to achieve more successes

05

Sensitization Drive via Print media, TV and Radio Programme, Website

06

Working towards International accreditation/Certification of NEMSA Laboratories



CONCLUSION

The Agency surpassed its target for year 2023 especially in the area of increase in IGR from all its activities nationwide. The management team provided the needed guidance in piloting the affairs of the Agency. However, a lot need to be done to ensure efficient, stable, and reliable networks for the production and delivery of safe, reliable and sustainable electricity power supply and guarantee safety of lives and property in the Nigerian Electricity Supply Industry (NESI).

Increased funding for the activities of the Agency is important to establish more Inspectorate Field Offices, Meter Test Stations across the country, purchase of test equipment, and operational vehicles for efficient service delivery. Increased manpower by recruiting new staff is also necessary for the Agency to meet up with the upsurge of activities across all the offices in the country.

NEMSA will seek to explore areas of opportunity in the 2023 Electricity Act for corporate visibility and impact in NESI and Nigeria.

The Agency will continue to leverage on the lessons learnt from the various challenges encountered during the year under review to bring about greater achievements in years to come.

ANNEXTURE I



Figure 19: NEMSA team led by the MD/CEO of NEMSA and CEIF’s courtesy visit to Ikeja Electricity Distribution Company, Lagos State



Figure 20: Monitoring of Network at Ikeja DisCos led by the MD/CEO of NEMSA and CEIF



Figure 21: NEMSA team led by the MD/CEO of NEMSA and CEIF Courtesy visit to Eko Electricity Distribution Company, Lagos State

... ANNEXTURE



Figure 22: Monitoring of Network at Eko DisCos led by the MD/CEO of NEMSA & CEIF



Figure 23: Staff training in 2023

... ANNEXTURE



Figure 24: Staff Training with the Ministry of Budget and National Planning in 2023



Figure 25: Roundtable Interaction with the Media



Figure 26: Board Meeting in Abuja

... ANNEXTURE



Figure 27: Farwell Visit of the Former Minister of State, Power to NEMSA



Figure 28: NEMSA Staff at the NEMSA Programme, Service and Safety half hour on FRCN



Figure 29: Investigation of Electrical fire at Transmission Sub-station Birni Kebbi, Kebbi State by NEMSA Technical team by the GM, Technical Inspectorate Services Department

... ANNEXTURE



Figure 30: Staff training and Inspection of Renewable Energy Projects

... ANNEXTURE



Figure 31: MD/CEO of NEMSA & CEIF courtesy visit to World Bank in Abuja



Figure 32: MD/CEO of NEMSA & CEIF and his staff at the Nigeria Energy Event at Landmark Event Centre, Lagos

... ANNEXTURE



Figure 33: Courtesy Visit by AfDB to NEMSA



Figure 34: NEMSA Courtesy Visit to the Minister of Budget and National Planning



Figure 35: NEMSA visit to the Honourable Minister of Power on its Activities



Figure 36: Staff Promotion Exercise

... ANNEXTURE



Figure 37: NEMSA Sport activities



Figure 38: NEMSA SERVICOM Event

... ANNEXTURE



Figure 39: MD/CEO of NEMSA & CEIF receiving the Outstanding award on Leadership and Ethics Consult



Figure 40: Chartered Institute of Power Engineers of Nigeria (CIPEN) Inaugural Meeting



Figure 41: NEMSA Stakeholders Round table with the Judiciary and Legislator

... ANNEXTURE



Figure 42: Visit to NEMSA Corporate Headquarters by Port Harcourt DisCos Management team



Impulse Voltage Generator



IPX56 Waterproof Test Chamber



CT Analyzer accessory set



OTS 100AF-UK Dielectric Tester for Break Down Voltage



Three phase Substation commissioning Injection test set



IP Probe anti-electric shock tester



PGK 80 E BAUR DC HV Tester



Earth Ground Tester kit



Insulation Tester

Figure 43: Procured Test Equipment for Nations Meter Test Stations



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