



**“SAFETY RANKING OF DISCOS & TCN IN THE POWER SECTOR”
APRIL 2017 RANKING**

at the
***The Honourable Minister of Power, Works & Housing’s
Monthly Sectoral Meeting with Operators of The Power Sector
@ NIPP Project, Lamingo Road, Jos, Plateau State
on 8th May 2017
Host: Jos Electricity Distribution Company Plc***

by

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



April 2017 goes down as the month with one of the worst electrocutions on record! – 17.

Discos should disconnect all structures/buildings/premises under power supply lines as a matter of Urgency

We must Work Safely and be Proactive!!!

NEMSA
No. 4, Dar es Salaam Crescent,
Off Aminu Kano Crescent,
Wuse II, Abuja, Nigeria.
www.nemsa.com.ng

***Many of the accidents that occur in the power sector
can be attributed to seven (7) major factors:***

***(a) System
Protection
Equipment
Failures;***

***(b) In some cases,
total absence of
protection devices.***

***(c) Poor Terminations ,
poor maintenance of
Ageing Networks,
Right-of-way issues.***

***(d) Poor Response to
Monitored Networks &
use of substandard
materials.***

***(e) Non adherence to
safety rules, and
regulations .***

***(f) Inadequate knowledge
and Ignorance on the part of
operators/consumers/public.***

(g) Vandalism

Operators of the Power Sector to address these points urgently.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



RANKING CRITERIA

DESCRIPTION	EVENT	SCORES
I. TOTAL ACCIDENTS	NOT SCORED	NOT SCORED
II. NO. OF FATALITIES	0	40
III. NO. OF MAJOR INJURIES	0	25
IV. NO. OF BAD NETWORKS RESOLVED	>9	25
V. REPORTING COMPLIANCE	4	10
		100

Fatalities (Deaths)	
No. of Fatalities	Scores
0	40
1 - 2	32
3 - 4	24
5 - 6	16
7 - 8	8
9 & Above	0

Major Injuries	
No. of Persons with Major Injuries	Scores
0	25
1 - 2	20
3 - 4	15
5 - 6	10
7 - 8	5
9 & Above	0

NETWORK RESOLVED	
No. Resolved	Scores
9 & Above	25
7 - 8	20
5 - 6	15
3 - 4	10
1 - 2	5
0	0

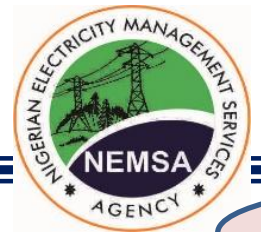
Response	Scores
4	10
3	8
2	6
1	4
0	0

2015 BASELINE STUDY:
 Average Deaths/ month = 9.5 (10)

2015 BASELINE STUDY:
 Not Available

2015 BASELINE STUDY:
 Average/ month = 7.5 (8)

To be revised upwards



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



RAW DATA

MONTH: APRIL 2017

WEIGHTED SCORE

S/No.	DISCO	TOTAL ACCIDENTS WITH DEATHS	TOTAL NO. OF DEATHS [STAFF & 3RD PARTY]	NO. OF MAJOR INJURIES	NO. OF BAD NETWORKS RESOLVED BY DISCO / TCN	REPORTING COMPLIANCE
1	ABUJA	3	5	0	2	4
2	BENIN	0	0	0	23	4
3	EKO	0	0	0	8	4
4	ENUGU	1	1	0	21	4
5	IBADAN	1	1	2	7	4
6	IKEJA	0	0	0	70	4
7	JOS	1	1	0	25	4
8	KADUNA	0	0	0	2	4
9	KANO	1	1	2	12	4
10	PORT HARCOURT	1	8/7	11	23	4
11	YOLA	0	0	0	0	4
12	TCN	0	0	0	0	4
	TOTAL	8	17/16	15	193	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
16	25	5	10	56	8
40	25	25	10	100	1
40	25	20	10	95	2
32	25	25	10	92	3
32	20	20	10	82	5
40	25	25	10	100	1
32	25	25	10	92	3
40	25	5	10	80	6
32	20	25	10	87	4
8	25	10	10	53	9
40	25	0	10	75	7
40	25	0	10	75	7

One death to be reconciled with Police

Note: Discos should rectify Networks reported to them by NEMSA for rectification as a priority. This is because some claims of own networks rectified by Discos have been found to be untrue/false. Notification by Discos to NEMSA for verification should be weekly, rather than waiting till end of the month.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2017 CUMULATIVE STATISTICS

MONTH JAN – APRIL 2017	TOTAL NO. OF ACCIDENTS WITH FATALITIES	TOTAL NO. OF FATALITIES [STAFF & 3RD PARTY]		NO. OF ACCIDENTS WITH ONLY INJURIES	NO. OF PERSONS INJURED		NO. OF EXPLOSIONS / FIRES	NO. OF VEHICULAR ACCIDENTS	NO. OF ENVIRONMENTAL ACCIDENTS	TOTAL LOST MAN- HOURS	NO. OF BAD NETWORKS REPORTED FOR THE MONTH	YEAR-TO- DATE NO. OF BAD NETWORKS REPORTED	YTD NO. OF BAD NETWORKS RESOLVED BY DISCO / TCN	RESPONSE TO NEMSA REPORTS IN WEEKS
		STAFF	3 RD PARTY		STAFF	3 RD PARTY								
ABUJA	4	0	6	1	1	0	0	1	0				994	
BENIN	6	1	5	0	0	0	0	0	0				102	
EKO	0	0	0	0	0	0	0	0	0				36	
ENUGU	1	1	0	0	0	0	0	0	0				57	
IBADAN	2	0	2	2	1	1	0	0	0				28	
IKEJA	0	0	0	6	6	1	2	7	2				190	
JOS	5	4	2	1	1	0	0	0	0				107	
KADUNA	2	1	1	1	0	1	0	0	0				23	
KANO	4	0	5	2	2	4	0	0	0				45	
PORT HARCOURT	2	0	11/10	1	0	11	0	0	0				74	
YOLA	4	1	3	1	0	1	0	0	0				22	
TCN	0	0	0	0	0	0	2	0	0				0	
YEAR TOTAL	29	8	34/33	15	11	19	4	8	2				1678	

Awaiting Final Verification



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



DISCOS RANKING TREND IN 2017

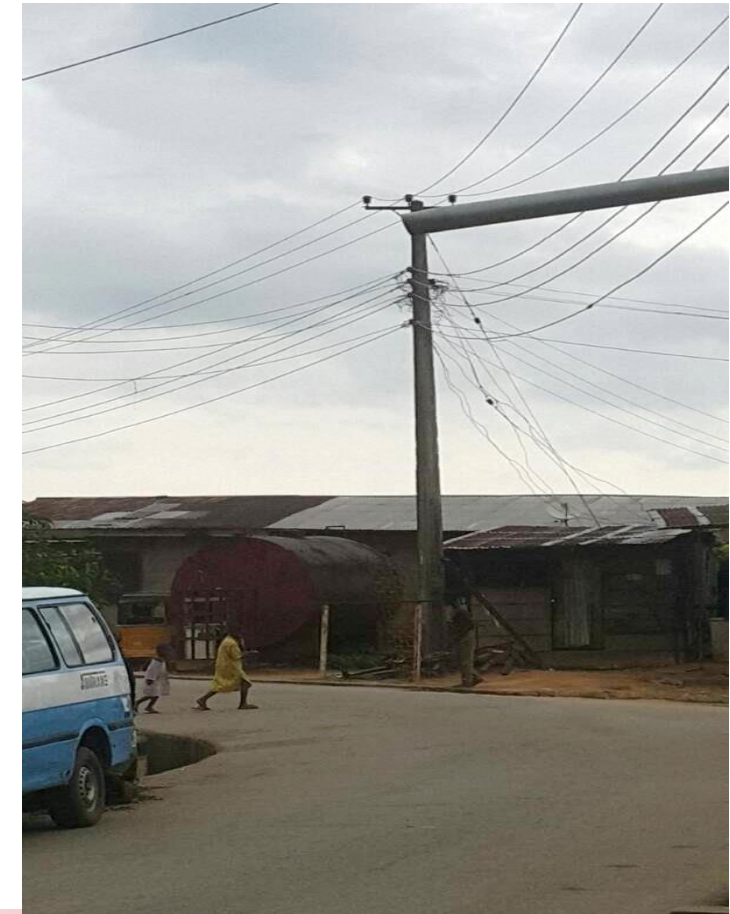
S/N o.	DISCO	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
1	ABUJA	1	4	1	8									4
2	BENIN	4	3	7	1									5
3	EKO	6	1	1	2									3
4	ENUGU	1	1	1	3									1
5	IBADAN	6	2	3	5									6
6	IKEJA	1	1	5	1									2
7	JOS	5	1	6	3									5
8	KADUNA	3	7	10	6									9
9	KANO	2	4	4	4							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

Dire Consequences of illegal Structures built under Power Lines



**Unsafe and Dangerous Structures
constructed under power lines and within
right of way.**

Accident Scene at Calabar



**Kerosene Tank mounted on elevated platform
under power lines and within right of way in
Calabar, Cross River State.**

Accident waiting to happen!

Unresolved Networks in Enugu Electricity Distribution Company

Unsafe and Dangerous Networks in Emekuku – Owerri Axis



Unresolved Networks in Enugu Electricity Distribution Company

Unsafe and Dangerous Networks in Emekuku – Owerri Axis



Unresolved Networks in Enugu Electricity Distribution Company

Unsafe and Dangerous Networks in Emekuku – Owerri Axis



GENERAL OBSERVATION

- ❖ *Discos have connected Unsafe structures/buildings & premises and collecting revenue from them.*
- ❖ *All illegal structures under power lines or within right of way should first be disconnected from public power supply followed with demolition nationwide.*
- ❖ *Use of substandard terminations, underrated conductors, and unrated fuses should be discontinued with forthwith.*
- ❖ *Discos must pay urgent attention and rectify all networks reported by NEMSA in addition to their regular maintenance.*

YEAR	TOTAL NETWORK RECTIFIED
2014	199
2015	87
2016	801
2017	1678



SAFETY TIPS FOR THE RAINY SEASON:

- **Avoid contact with electric poles, tv antenna poles, conductors and other electrical equipment installed in the open, during rainfall**
- **Avoid staying under trees and tall objects during thunderstorms**
- **Avoid climbing masts during rainfall/thunderstorms**
- **Avoid power cables and metallic objects during rainfall**
- **Wear rubber sole shoes always when on wet grounds**
- **Report any fallen electric poles or conductors to the nearest electricity utility company or to NEMSA office nearest to you.**



***Work Safely!
Safety First - Safety Always
- NEMSA.***

