



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

JANUARY 2018

at the

The Honourable Minister of Power, Works & Housing’s

Monthly Sectoral Meeting with Operators of The Power Sector

on 12th February, 2018

Host: TCN

Venue: 330kV Transmission Station, Katampe, Abuja, FCT

by

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Electrocutions in January 2018 = (..)

- ***NEMSA National Monitoring and Technical Evaluation of all 33kV Primary Feeder Lines and associated 33/11kV injection substations and their outgoing feeders ongoing.***
- ***Discos' efforts on disconnection / removal of structures/buildings/ premises under power supply lines to be intensified.***
- ***Discos' and NEMSA's efforts at sensitization of the Public on using***

Many of the accidents that occur in the power sector

can be attributed to seven (7) major factors:

(i) System Protection Equipment Failures;

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

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

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

(v) Non adherence to safety rules, and regulations .

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

(vii) Vandalism

Operators of the Power Sector to address these factors

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)

Criterion for Network Monitored/Resolved to be revised upwards



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



RAW DATA

MONTH: JANUARY 2018

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					
2	BENIN					
3	EKO					
4	ENUGU					
5	IBADAN					
6	IKEJA					
7	JOS					
8	KADUNA					
9	KANO					
10	PORT HARCOURT					
11	YOLA					
12	TCN					
	TOTAL					

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING

Note: Discos should rectify defective networks reported to them by NEMSA as a priority. Notification by Discos to NEMSA for verification should be weekly, rather than waiting till end of the month.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



DISCOS & TCN RANKING TREND IN 2018

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



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2018 CUMULATIVE STATISTICS

MONTH JANUARY – AUGUST 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														
BENIN														
EKO														
ENUGU														
IBADAN														
IKEJA														
JOS														
KADUNA														
KANO														
PORT HARCOURT														
YOLA														
TCN														
YEAR TOTAL														

Operators of the Power Sector to note that target for Electrocutions nationwide is ZERO.

Discos to intensify efforts at:

(i) revamping/calibrating their Protection

schemes & equipment

(ii) rectifying their defective networks to prevent electrical accidents and reduce technical losses.

[iii] educating the general public on the need for extreme caution with using electricity!

YEAR	TOTAL NETWORKS RECTIFIED
2014	199
2015	87
2016	801
2017	3797
2018	



SAFETY TIPS

- **Do not build structures or carry out activities under power lines**
- **Avoid contact with electric poles, Tv antenna poles, conductors and other electrical equipment installed in the open.**
- **Avoid staying under trees with conductors running over such trees.**
- **Avoid climbing masts constructed close to power lines.**
- **Avoid power cables and metallic objects.**
- **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. Do not attempt to touch these.**

Work Safely!
Safety First - Safety Always
- NEMSA.

Thank You!