

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

JULY 2018 RANKING

at the

**Honourable Minister of Power, Works & Housing’s
Monthly Sectoral Meeting with Operators of The Power Sector**

on Monday, 13th August 2018

***Venue:* Hon. Justice Idris Kutigi International Conference
Centre, Minna, Niger State.**

Host: Mainstream Energy Services Ltd

by

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

Many of the accidents that occur in the power industry can be attributed to these 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 urgently.



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

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

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

<u>NETWORK RESOLVED</u>	
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: JULY 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	0	0	0	9	4
2	BENIN	2	2	0	10	4
3	EKO	0	0	0	10	4
4	ENUGU	1	1	0	34	4
5	IBADAN	0	0	0	10	4
6	IKEJA	0	0	0	7	4
7	JOS	3	3	2	2	4
8	KADUNA	0	0	0	32	4
9	KANO	2	2	0	14	4
10	PORT HARCOURT	0	0	0	32	4
11	YOLA	0	0	0	16	4
12	TCN	0	0	0	0	4
TOTAL		8	8	2	176	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
40	25	25	10	100	1
32	25	25	10	92	3
40	25	25	10	100	1
32	25	25	10	92	3
40	25	25	10	100	1
40	25	20	10	95	2
24	20	5	10	59	5
40	25	25	10	100	1
32	25	25	10	92	3
40	25	25	10	100	1
40	25	25	10	100	1
40	25	0	10	75	4

Note: Discos should rectify defective networks reported to them by NEMSA as a priority. Notification by Discos to NEMSA for verification should be fortnightly, and not 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	1	4	2	8	5	6	1						8
2	BENIN	5	3	3	1	1	1	3						4
3	EKO	1	1	3	6	7	5	1						7
4	ENUGU	1	3	1	5	1	1	3						3
5	IBADAN	8	2	1	7	3	1	1						6
6	IKEJA	2	4	1	2	2	4	2						4
7	JOS	6	1	3	5	8	5	5						9
8	KADUNA	1	1	6	3	2	1	1						3
9	KANO	3	1	4	4	2	2	3						5
10	PORT HARCOURT	4	2	1	1	1	3	1						1
11	YOLA	1	3	1	3	4	1	1						2
12	TCN	7	5	5	6	6	4	4						10



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2018 CUMULATIVE STATISTICS

MONTH JULY 2018	TOTAL NO. OF ACCIDENTS WITH FATALITIES	TOTAL NO. OF FATALITIES [STAFF & 3RD PARTY]		NO. OF ACCIDENTS WITH ONLY INJURIES	NO. OF PERSONS INJURED		OTHER NON-DISCO/TCN ELECTRICAL DEATHS	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	5	0	6	3	2	3	0	0		0			7	90	
BENIN	7	1	6	0	0	0	0	0		0			137	94	
EKO	4	0	4	0	0	0	1	1	0	0			37	43	
ENUGU	2	2	0	0	0	0	0	0		0			76	152	
IBADAN	4	0	7	1	0	2	1	1		0			65	56	
IKEJA	2	0	2	8	7	1	2	2	4	1			904	396	
JOS	11	4	7	3	3	1	0	0		0			270	96	
KADUNA	6	2	4	1	0	5	0	0		0			46	126	
KANO	10	2	8	4	2	2	0	0		0			31	83	
PORT HARCOURT	0	0	0	0	0	0	0	0		0			273	84	
YOLA	2	1	1	0	0	0	0	0		0			100	71	
TCN	0	0	0	0	0	0	6	6		0			0	0	
YEAR TOTAL	53	12	45	20	14	14	10	10	4	1			1946	1291	



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



Compliance Record on Disconnection of Structures/Premises under or within Right-of-Way of Power Lines for July 2018

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED FOR THE MONTH	TOTAL PREMISES/STRUCTURES DEMOLISHED FOR THE MONTH	CUMULATIVE YTD PREMISES/STRUCTURES DISCONNECTED	CUMULATIVE YTD PREMISES/STRUCTURES DEMOLISHED	CUMULATIVE RANKING
1	ABUJA	0	0	0	0	LAST
2	BENIN	36	0	63	0	4
3	EKO	0	0	0	0	LAST LAST
4	ENUGU	0	0	0	0	LAST
5	IBADAN	75	0	543	0	1
6	IKEJA	100	0	100	0	3
7	JOS	0	0	91	0	5
8	KADUNA	0	0	11	0	LAST
9	KANO	2	0	2	0	6
10	PORT HARCOURT	352	0	352	0	2
11	YOLA	0	0	0	0	LAST
TOTAL		565	0	1122	0	

Notes:

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.

**Operators of the Power Sector to note:
Zero (0) target for Electrocutions nationwide.**

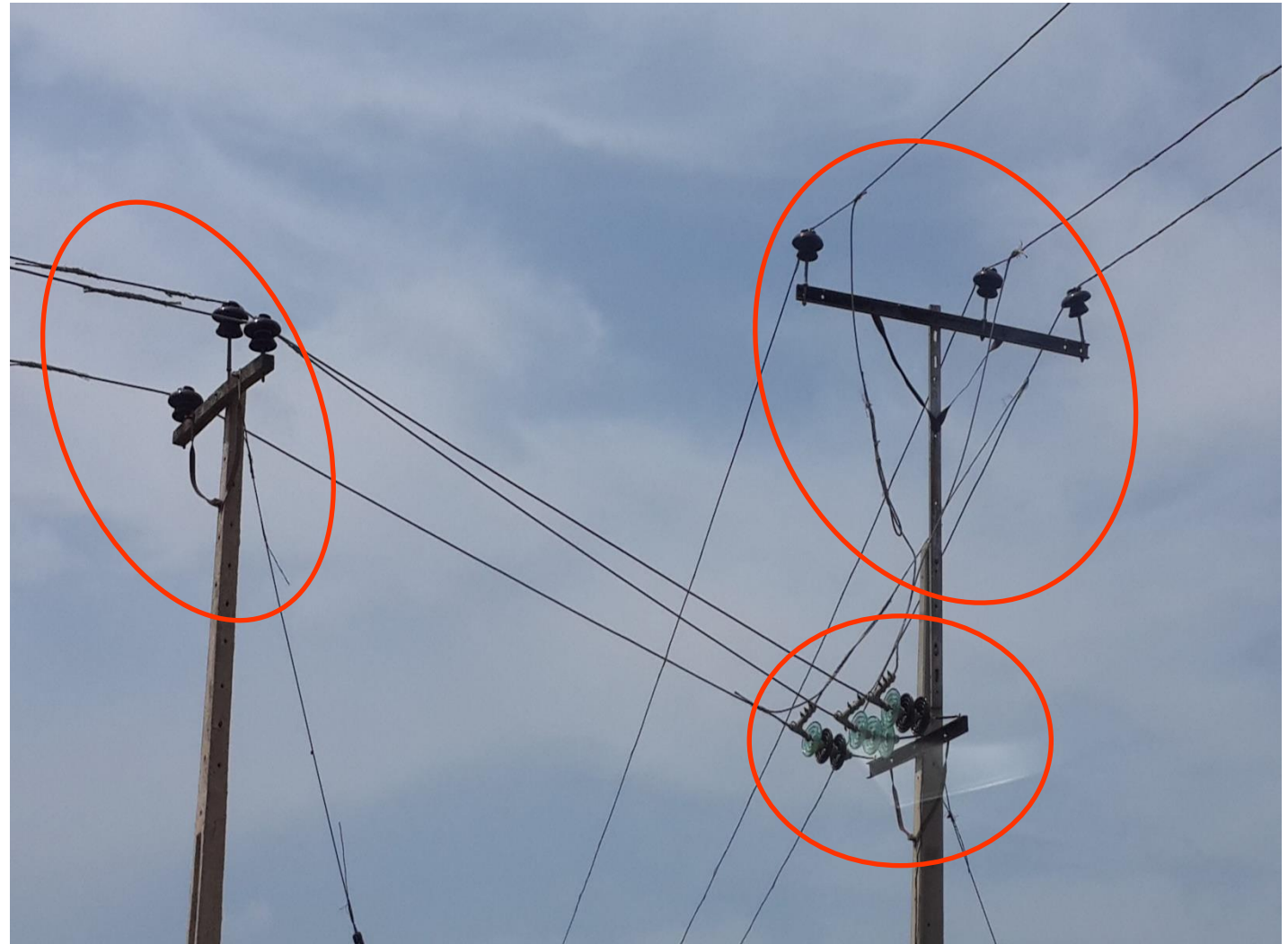
Discos to intensify efforts at:

- (i) revamping/calibrating their protection schemes & equipment***
- (ii) disconnecting buildings/structures/premises under or within right-of-way of power lines from public power supply;***
- iii. rectifying defective networks to prevent electrical accidents and reduce technical losses.***
- iv. enlightening the general public on the need for extreme caution with the use of electricity!***

Unsafe Installations



Who owns this network?



Poor terminations and dangerous Tees-off and road crossing at Kuje, FCT one year after being reported

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!***