



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

DECEMBER 2019 RANKING

by

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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.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



REVISED RANKING CRITERIA

NETWORK RESOLVED

No. Resolved	Scores
21 & Above	30
16 – 20	20
11– 15	10
1 – 10	5
0	0

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

Major Injuries

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

Fatalities (Deaths)

No. of Fatalities	Scores
0	40
1 - 2	20
3 & Above	0

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

Structures under Right-of-Way Disconnected

Structures under Right-of-Way removed	Scores
21 & Above	5
11 – 20	3
5 – 10	1
Below 5	0

REPORTING COMPLIANCE

Response	Scores
Within 1 week	5
Within 2 weeks	4
Within 3 weeks	3
Within 4 weeks	2
0	0

DESCRIPTION	EVENT	SCORES
I. TOTAL ACCIDENTS	NOT SCORED	NOT SCORED
II. NO. OF FATALITIES	0	40
III. NO. OF MAJOR INJURIES	0	20
IV. NO. OF BAD NETWORKS RESOLVED	>21	30
V. STRUCTURES UNDER RIGHT-OF-WAY REMOVED	>20	5
VI. REPORTING COMPLIANCE	4	5
TOTAL		100

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	STRUCTURES UNDER RIGHT OF WAY DISCONNECTED	REPORTING COMPLIANCE	DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	STRUCTURES UNDER RIGHT OF WAY DISCONNECTED	REPORTING COMPLIANCE	TOTAL	RANKING
1	ABUJA	0	0	0	43	23	4	40	20	30	5	5	100	1
2	BENIN	0	0	0	10	16	4	40	20	5	3	5	73	6
3	EKO	0	0	0	26	24	4	40	20	30	5	5	100	1
4	ENUGU	0	0	0	17	0	3	40	20	15	0	4	79	3
5	IBADAN	0	0	0	127	51	4	40	20	30	5	5	100	1
6	IKEJA	0	0	1	0	0	3	40	15	0	0	4	59	9
7	JOS	1	1	1	12	22	4	20	15	10	5	5	55	10
8	KADUNA	0	0	0	13	0	3	40	20	10	0	4	74	5
9	KANO	1	1	0	37	6	4	20	20	30	1	5	76	4
10	PORT HARCOURT	0	0	2	13	0	3	40	15	10	0	4	69	7
11	YOLA	0	0	0	31	0	3	40	20	30	0	4	94	2
12	TCN	0	0	0	0	0	3	40	20	0	0	4	64	8
	TOTAL	2	2	4	329	142								

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.



***Compliance Record on Disconnection of Structures/Premises under or within
Right-of-Way of Power Lines December, 2019***

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	23	0	3
2	BENIN	16	0	5
3	EKO	24	0	2
4	ENUGU	0	0	LAST
5	IBADAN	51	0	1
6	IKEJA	0	0	LAST
7	JOS	22	0	4
8	KADUNA	0	0	LAST
9	KANO	6	0	6
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		142	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.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



Compliance Record on Disconnection of Structures/Premises under or within Right-of-Way of Power Lines January – December 2019

S/ N O.	DISCO	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUGUS T	SEPT	OCT	NOV	DEC	TOTAL
1	ABUJ A	0	0	0	0	0	0	0	0	0	0	20	23	43
2	BENIN	10	10	10	8	10	10	10	72	50	8	18	16	232
3	EKO	0	29	0	0	46	32	24	27	35	0	26	24	243
4	ENUG U	0	1	1	4	3	10	11	14	3	0	0	0	47
5	IBAD AN	5	0	13	51	27	47	51	55	64	0	45	51	409
6	IKEJA	0	0	0	0	0	0	0	0	0	0	0	0	0
7	JOS	26	7	15	4	6	27	16	13	5	23	21	22	180
8	KADU NA	0	0	0	0	0	0	0	0	0	0	0	0	0
9	KANO	0	0	0	0	0	1	0	0	0	233	17	6	257
10	PORT HARC OURT	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
	TOTA L	41	47	39	67	92	127	112	181	157	264	145	142	1409

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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.

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DISCOS & TCN RANKING TREND IN 2019

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

Operators of the Power Sector have achieved Zero target for Electrocutions & Injuries nationwide.

Discos are encouraged to report domestic electrocutions not directly connected with their networks, for information only. This will not count against their ranking.

Discos to intensify efforts at:

(i) revamping/calibrating their protection schemes & equipment

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

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



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!***