



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

MAY 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



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RAW DATA

MONTH: MAY, 2019

**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	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	4	4	0	43	0	4	0	20	30	0	5	55	7
2	BENIN	1	1	0	12	10	4	20	20	10	1	5	56	6
3	EKO	0	0	0	15	46	4	40	20	10	5	5	80	2
4	ENUGU	0	0	0	41	3	4	40	20	30	0	5	95	1
5	IBADAN	0	0	0	12	27	4	40	20	10	5	5	80	2
6	IKEJA	1	1	1	10	0	4	20	15	5	0	5	45	9
7	JOS	1	1	0	11	6	4	20	20	10	1	5	56	6
8	KADUNA	1	2	0	8	0	4	20	20	5	0	5	50	8
9	KANO	1	1	0	32	0	4	20	20	30	0	5	75	3
10	PORT HARCOURT	0	0	0	2	0	4	40	20	5	0	5	70	4
11	YOLA	0	0	0	12	0	4	40	20	10	0	5	75	3
12	TCN	0	0	0	0	0	4	40	20	0	0	5	65	5
	TOTAL	9	10	1	198	92								

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)



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

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	LAST
2	BENIN	10	0	3
3	EKO	46	0	1
4	ENUGU	3	0	5
5	IBADAN	27	0	2
6	IKEJA	0	0	LAST
7	JOS	6	0	4
8	KADUNA	0	0	LAST
9	KANO	0	0	LAST
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		92	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.

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

S/No.	DISCO	JAN	FEB	MAR	APR	MAY	TOTAL
1	ABUJA	0	0	0	0	0	0
2	BENIN	10	10	10	8	10	48
3	EKO	0	29	0	0	46	75
4	ENUGU	0	1	1	4	3	9
5	IBADAN	5	0	13	51	27	96
6	IKEJA	0	0	0	0	0	0
7	JOS	26	7	15	4	6	58
8	KADUNA	0	0	0	0	0	0
9	KANO	0	0	0	0	0	0
10	PORT HARCOURT	0	0	0	0	0	0
11	YOLA	0	0	0	0	0	0
	TOTAL	41	47	39	67	92	286

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.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



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
2	BENIN	1	1	2	3	3								3
3	EKO	3	1	1	1	2								1
4	ENUGU	4	1	2	3	1								4
5	IBADAN	1	2	1	6	2								5
6	IKEJA	6	1	3	1	9								7
7	JOS	1	1	5	8	7								8
8	KADUNA	1	1	1	4	4								4
9	KANO	1	1	1	3	4								3
10	PORT HARCOURT	1	2	3	2	5								6
11	YOLA	2	1	1	1	4								2
12	TCN	6	4	6	7	6								10

Operators of the Power Sector should aim to achieve 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!***