



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

OCTOBER 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

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

Fatalities (Deaths)

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

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

Major Injuries

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

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

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)

REPORTING COMPLIANCE

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



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RAW DATA

MONTH: OCTOBER, 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
1	ABUJA	1	1	0	12	0	3
2	BENIN	0	0	0	12	8	4
3	EKO	0	0	0	28	0	3
4	ENUGU	1	1	0	0	0	3
5	IBADAN	1	1	0	15	0	3
6	IKEJA	1	1	2	0	0	3
7	JOS	1	1	0	15	23	4
8	KADUNA	0	0	0	25	0	3
9	KANO	1	1	0	46	233	4
10	PORT HARCOURT	0	0	4	3	0	3
11	YOLA	0	0	0	16	0	3
12	TCN	0	0	0	0	0	4
TOTAL		6	6	6	172	264	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	STRUCTURES UNDER RIGHT OF WAY DISCONNECTED	REPORTING COMPLIANCE	TOTAL	RANKING
20	20	10	0	4	54	8
40	20	10	1	5	76	4
40	20	30	0	4	94	1
20	20	0	0	4	44	9
20	20	10	0	4	54	8
20	15	0	0	4	39	10
20	20	10	5	5	60	6
40	20	30	0	4	94	1
20	20	30	5	5	80	3
40	10	5	0	4	59	7
40	20	20	0	4	84	2
40	20	0	0	5	65	5

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 October, 2019

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	LAST
2	BENIN	8	0	3
3	EKO	0	0	LAST
4	ENUGU	0	0	LAST
5	IBADAN	0	0	LAST
6	IKEJA	0	0	LAST
7	JOS	23	0	2
8	KADUNA	0	0	LAST
9	KANO	233	0	1
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		264	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 – October 2019

S/No.	DISCO	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUGUST	SEPT	OCT	TOTAL
1	ABUJA	0	0	0	0	0	0	0	0	0	0	0
2	BENIN	10	10	10	8	10	10	10	72	50	8	198
3	EKO	0	29	0	0	46	32	24	27	35	0	193
4	ENUGU	0	1	1	4	3	10	11	14	3	0	47
5	IBADAN	5	0	13	51	27	47	51	55	64	0	313
6	IKEJA	0	0	0	0	0	0	0	0	0	0	0
7	JOS	26	7	15	4	6	27	16	13	5	23	137
8	KADUNA	0	0	0	0	0	0	0	0	0	0	0
9	KANO	0	0	0	0	0	1	0	0	0	233	234
10	PORT HARCOURT	0	0	0	0	0	0	0	0	0	0	0
11	YOLA	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	41	47	39	67	92	127	112	181	157	264	1122

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