



“SAFETY RANKING OF DISCOS & TCN IN THE POWER SECTOR” DECEMBER 2018 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.



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: DECEMBER 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	1	1	0	3	4
2	BENIN	0	0	0	8	4
3	EKO	0	0	0	0	4
4	ENUGU	0	0	0	10	4
5	IBADAN	0	0	0	7	4
6	IKEJA	2	2	1	10	4
7	JOS	0	0	0	9	4
8	KADUNA	0	0	0	2	4
9	KANO	0	0	0	5	4
10	PORT HARCOURT	0	0	0	1	4
11	YOLA	1	1	0	4	4
12	TCN	0	0	0	0	4
TOTAL		4	4	1	59	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
32	20	10	10	72	5
40	25	20	10	95	2
40	25	0	10	75	7
40	25	25	10	100	1
40	25	20	10	95	2
32	20	25	10	87	4
40	25	25	10	100	1
40	25	5	10	80	5
40	25	15	10	90	3
40	25	5	10	80	5
32	25	10	10	77	6
40	25	0	10	75	7

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)



DISCO/TCN 2018 CUMULATIVE	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 BAD NETWORKS REPORTED FOR THE YEAR	NO. OF BAD NETWORKS RESOLVED BY DISCO / TCN
		STAFF	3 RD PARTY		STAFF	3 RD PARTY		
ABUJA	14	0	15	4	2	4	7	143
BENIN	8	2	6	0	0	0	228	135
EKO	8	0	8	1	0	0	53	114
ENUGU	3	3	0	0	0	0	136	362
IBADAN	5	0	8	1	0	2	137	123
IKEJA	8	2	6	9	6	2	1652	451
JOS	13	6	7	3	3	1	429	150
KADUNA	6	2	4	1	0	5	80	276
KANO	17	2	16	6	3	3	52	189
PORT HARCOURT	2	1	1	0	0	0	359	106
YOLA	4	3	1	0	0	0	174	111
TCN	1	1	0	2	2	0	0	0
TOTAL	89	22	72	27	16	17	3307	2160



Fatalities By Utility Companies: 2018



FATALITIES

NO. OF ACCIDENTS





Fatalities By Utility Companies: 2017



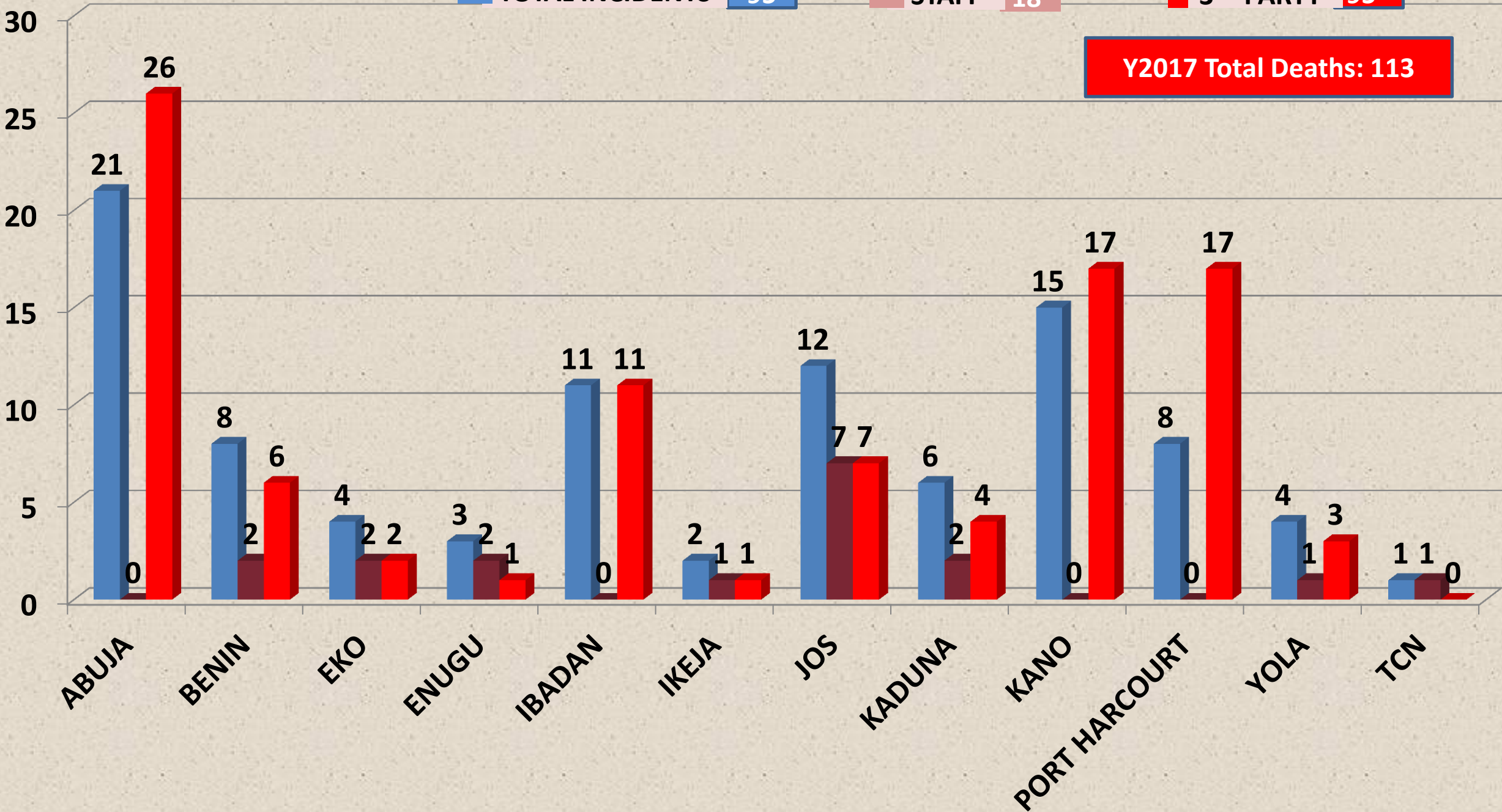
TOTAL INCIDENTS 95

STAFF 18

3RD PARTY 95

Y2017 Total Deaths: 113

FATALITIES



Electrical Accidents/Fatalities & Injuries: 2015 – 2018

	2015	2016	2017	2018	TOTAL
Total Incidents	110	124	95	89	418
No. of Staff Deaths	19	16	18	22	75
No. of 3 rd Party deaths	94	124	95	72	385
Total Deaths	113	140	113	94	460
Total Injuries	70	77	77	33	257

Comments:

- Reduction in total incidents from 95 down to 89
- Reduction in total deaths from 113 to 94
- Reduction in 3rd party deaths from 95 in 2017 to 72 in 2018
- Increase in staff deaths from 18 in 2017 to 22 in 2018

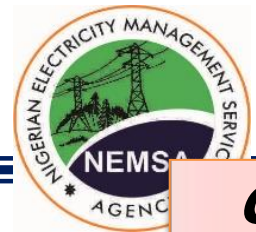


NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



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



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



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

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	LAST
2	BENIN	15	0	1
3	EKO	0	0	LAST
4	ENUGU	0	0	LAST
5	IBADAN	0	0	LAST
6	IKEJA	0	0	LAST
7	JOS	0	0	LAST
8	KADUNA	0	0	LAST
9	KANO	0	0	LAST
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		15	0	

Notes:

1. Compliance by Discos to disconnect premises/buildings/structures under and within right-of-way of power lines still 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 target for Electrocutions 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!***