



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

JUNE 2018 RANKING

by

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NEMSA

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

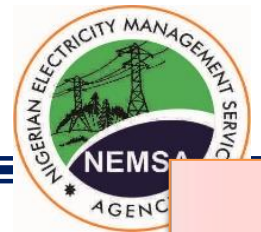
MONTH: JUNE 2018

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	4	4	0	2	4
2	BENIN	0	0	0	13	4
3	EKO	1	1	0	0	4
4	ENUGU	0	0	0	24	4
5	IBADAN	0	0	0	10	4
6	IKEJA	0	0	2	0	4
7	JOS	1	1	0	0	4
8	KADUNA	0	0	0	28	4
9	KANO	2	2	1	14	4
10	PORT HARCOURT	0	0	0	1	4
11	YOLA	0	0	0	9	4
12	TCN	0	0	0	0	4
TOTAL		8	8	3	101	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
24	25	5	10	64	7
40	25	25	10	100	1
32	25	0	10	67	5
40	25	25	10	100	1
40	25	25	10	100	1
40	20	0	10	70	5
32	25	0	10	67	6
40	25	25	10	100	1
32	20	25	10	87	2
40	25	5	10	80	3
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 weekly, rather than waiting till end of the month.



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

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED FOR THE MONTH OF JUNE 2018	CUMULATIVE YTD PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED FOR THE MONTH OF JUNE 2018	CUMULATIVE YTD PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	0	0	LAST
2	BENIN	36	63	0	0	3
3	EKO	0	0	0	0	LAST
4	ENUGU	0	0	0	0	LAST
5	IBADAN	35	503	0	0	1
6	IKEJA	0	0	0	0	LAST
7	JOS	0	91	0	0	2
8	KADUNA	0	11	5	5	4
9	KANO	2	2	0	0	LAST
10	PORT HARCOURT	0	0	0	0	LAST
11	YOLA	0	0	0	0	LAST
TOTAL		73	670	5	5	

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 2018

S/No.	DISCO	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
1	ABUJA	1	4	2	8	5	7							7
2	BENIN	5	3	3	1	1	1							3
3	EKO	1	1	3	6	7	5							6
4	ENUGU	1	3	1	5	1	1							1
5	IBADAN	8	2	1	7	3	1							5
6	IKEJA	2	4	1	2	2	5							4
7	JOS	6	1	3	5	8	6							8
8	KADUNA	1	1	6	3	2	1							3
9	KANO	3	1	4	4	2	2							4
10	PORT HARCOURT	4	2	1	1	1	3							1
11	YOLA	1	3	1	3	4	1							2
12	TCN	7	5	5	6	6	4							9



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2018 CUMULATIVE STATISTICS

MONTH JUNE 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	4	3	2	3	2	0		0			2	81	
BENIN	5	1	4	0	0	0	0	0		0			248	84	
EKO	4	0	4	0	0	0	1	1	0	0			68	33	
ENUGU	1	1	0	0	0	0	0	0		0			130	118	
IBADAN	4	0	7	1	0	2	1	1		0			54	46	
IKEJA	2	0	2	8	7	1	2	2	4	1			988	389	
JOS	8	4	4	2	1	1	0	0		0			417	94	
KADUNA	6	2	4	1	0	5	0	0		0			87	94	
KANO	8	1	7	4	2	2	0	0		0			48	69	
PORT HARCOURT	0	0	0	0	0	0	0	0		0			92	52	
YOLA	2	1	1	0	0	0	6	0		0			124	55	
TCN	0	0	0	0	0	0	0	6		0			0	0	
YEAR TOTAL	45	10	37	19	12	14	12	10	4	1			2258	1115	

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!***

Unsafe Installations in Discos Networks



Poor and unsafe constructions, joints over highway, terminations and dangerous Tees-off at Kuje, Abuja FCT



No cross arm, inadequate clearances, conductors directly fixed on insulators on the pole at Oba-Ile, Akure.

SAFETY TIPS

- **Do not build structures or carry out activities under or within right-of-way of 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!***