



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

## **JANUARY 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.**

## RANKING CRITERIA

DESCRIPTION	EVENT	SCORES
I. TOTAL ACCIDENTS	<b>NOT SCORED</b>	<b>NOT SCORED</b>
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

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

### 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

2015 BASELINE STUDY:  
Not Available

### NETWORK RESOLVED

No. Resolved	Scores
9 & Above	25
7 - 8	20
5 - 6	15
3 - 4	10
1 - 2	5
0	0

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

Response	Scores
4	10
3	8
2	6
1	4
0	0

**Criterion for Network Monitored/Resolved to be revised upwards**



# NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



## RAW DATA

**MONTH: JANUARY 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	REPORTING COMPLIANCE
1	ABUJA	0	0	0	2	4
2	BENIN	0	0	0	10	4
3	EKO	1	1	0	12	4
4	ENUGU	1	1	1	30	4
5	IBADAN	0	0	0	16	4
6	IKEJA	0	0	0	0	4
7	JOS	0	0	0	12	4
8	KADUNA	0	0	2	28	4
9	KANO	0	0	0	27	4
10	PORT HARCOURT	0	0	0	12	4
11	YOLA	0	0	0	8	4
12	TCN	0	0	0	0	4
TOTAL		2	2	3	157	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
40	25	5	10	80	5
40	25	25	10	100	1
32	25	25	10	92	3
32	20	25	10	87	4
40	25	25	10	100	1
40	25	0	10	75	6
40	25	25	10	100	1
40	25	25	10	100	1
40	25	25	10	100	1
40	25	20	10	95	2
40	25	0	10	75	6

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***

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	LAST
2	BENIN	10	0	2
3	EKO	0	0	LAST
4	ENUGU	0	0	LAST
5	IBADAN	5	0	3
6	IKEJA	0	0	LAST
7	JOS	26	0	1
8	KADUNA	0	0	LAST
9	KANO	0	0	LAST
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		41	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)



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

# **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!***