



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

## **NOVEMBER 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.***

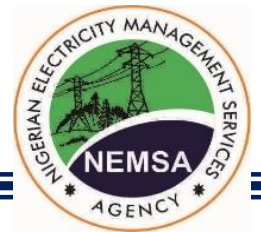
***(iv) Poor Response to Monitored Networks & use of substandard materials.***

***(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

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	1	1	0	48	27	4	20	20	30	5	5	80	6
2	BENIN	0	0	0	10	18	4	40	20	5	3	5	73	7
3	EKO	0	0	0	24	26	4	40	20	30	5	5	100	1
4	ENUGU	1	1	0	0	0	3	20	20	0	0	4	44	11
5	IBADAN	0	0	0	13	45	4	40	20	10	5	5	80	6
6	IKEJA	0	0	2	0	0	3	40	15	0	0	4	59	10
7	JOS	0	0	0	18	21	4	40	20	20	5	5	90	4
8	KADUNA	0	0	0	17	0	3	40	20	20	0	4	84	5
9	KANO	0	0	0	46	17	4	40	20	30	3	5	98	2
10	PORT HARCOURT	0	0	1	7	0	3	40	15	5	0	4	64	9
11	YOLA	0	0	0	25	0	3	40	20	30	0	4	94	3
12	TCN	0	0	0	0	0	3	40	20	0	0	5	65	8
	TOTAL	2	2	3	208	147								

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 November, 2019***

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	27	0	2
2	BENIN	18	0	5
3	EKO	26	0	3
4	ENUGU	0	0	LAST
5	IBADAN	45	0	1
6	IKEJA	0	0	LAST
7	JOS	21	0	4
8	KADUNA	0	0	LAST
9	KANO	17	0	6
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		154	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 – November 2019 (Cumulative)***

S/ No.	DISCO	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	TOTAL
1	ABUJA	0	0	0	0	0	0	0	0	0	0	27	27
2	BENIN	10	10	10	8	10	10	10	72	50	8	18	216
3	EKO	0	29	0	0	46	32	24	27	35	0	26	219
4	ENUGU	0	1	1	4	3	10	11	14	3	0	0	47
5	IBADAN	5	0	13	51	27	47	51	55	64	0	45	358
6	IKEJA	0	0	0	0	0	0	0	0	0	0	0	0
7	JOS	26	7	15	4	6	27	16	13	5	23	21	163
8	KADUNA	0	0	0	0	0	0	0	0	0	0	0	0
9	KANO	0	0	0	0	0	1	0	0	0	233	17	251
10	PORT HARCOURT	0	0	0	0	0	0	0	0	0	0	0	0
11	YOLA	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>41</b>	<b>47</b>	<b>39</b>	<b>67</b>	<b>92</b>	<b>127</b>	<b>112</b>	<b>181</b>	<b>157</b>	<b>264</b>	<b>154</b>	<b>1281</b>

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



# **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, park vehicles 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!***