



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

## **JUNE 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)

### REPORTING COMPLIANCE

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

### 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

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



# NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



**RAW DATA**

**MONTH: JUNE, 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	3	3	4	39	0	4
2	BENIN	0	0	0	12	10	4
3	EKO	0	0	0	14	32	4
4	ENUGU	2	2	0	62	10	4
5	IBADAN	1	1	0	5	47	4
6	IKEJA	2	3	1	0	0	4
7	JOS	0	0	0	20	27	4
8	KADUNA	0	0	0	7	0	4
9	KANO	0	0	0	29	0	4
10	PORT HARCOURT	1	1	0	1	0	4
11	YOLA	0	0	0	27	0	4
12	TCN	0	0	0	0	0	4
TOTAL		9	10	5	216	126	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	STRUCTURES UNDER RIGHT OF WAY DISCONNECTED	REPORTING COMPLIANCE	TOTAL	RANKING
0	10	30	0	5	45	9
40	20	10	1	5	76	4
40	20	10	5	5	80	3
20	20	30	1	5	76	4
20	20	5	5	5	55	7
0	15	0	0	5	20	10
40	20	20	5	5	90	2
40	20	5	0	5	70	5
40	20	30	0	5	95	1
20	20	5	0	5	50	8
40	20	30	0	5	95	1
40	20	0	0	5	65	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.



***Compliance Record on Disconnection of Structures/Premises under or within Right-of-Way of Power Lines June 2019***

S/No.	DISCO	TOTAL PREMISES/STRUCTURES DISCONNECTED	TOTAL PREMISES/STRUCTURES DEMOLISHED	RANKING
1	ABUJA	0	0	LAST
2	BENIN	10	0	4
3	EKO	32	0	2
4	ENUGU	10	0	4
5	IBADAN	47	0	1
6	IKEJA	0	0	LAST
7	JOS	27	0	3
8	KADUNA	0	0	LAST
9	KANO	0	1	5
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
TOTAL		127	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.

## ***Compliance Record on Disconnection of Structures/Premises under or within Right-of-Way of Power Lines January – June 2019***

S/No	DISCO	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
1	ABUJA	0	0	0	0	0	0	0
2	BENIN	10	10	10	8	10	10	58
3	EKO	0	29	0	0	46	32	107
4	ENUGU	0	1	1	4	3	10	19
5	IBADAN	5	0	13	51	27	47	143
6	IKEJA	0	0	0	0	0	0	0
7	JOS	26	7	15	4	6	27	85
8	KADUNA	0	0	0	0	0	0	0
9	KANO	0	0	0	0	0	1	1
10	PORT HARCOURT	0	0	0	0	0	0	0
11	YOLA	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>413</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							10
2	BENIN	1	1	2	3	3	4							3
3	EKO	3	1	1	1	2	3							2
4	ENUGU	4	1	2	3	1	4							4
5	IBADAN	1	2	1	6	2	7							6
6	IKEJA	6	1	3	1	9	10							9
7	JOS	1	1	5	8	7	2							8
8	KADUNA	1	1	1	4	4	5							5
9	KANO	1	1	1	3	4	1							2
10	PORT HARCOURT	1	2	3	2	5	8							7
11	YOLA	2	1	1	1	4	1							1
12	TCN	6	4	6	7	6	6							11



# **Operators of the Power Sector should strive to achieve the Zero target for Electrocutions & Injuries.**

**Discos are encouraged to report domestic electrocutions not directly connected with their networks, for information only.**

***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**
- **Do not park vehicles 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!***