



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

## **NOVEMBER 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: NOVEMBER 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	1	10	4
2	BENIN	0	0	0	9	4
3	EKO	0	0	0	11	4
4	ENUGU	1	1	0	41	4
5	IBADAN	0	0	0	15	4
6	IKEJA	1	1	0	0	4
7	JOS	0	0	0	14	4
8	KADUNA	0	0	0	27	4
9	KANO	0	0	1	25	4
10	PORT HARCOURT	0	0	0	7	4
11	YOLA	0	0	0	8	4
12	TCN	0	0	0	0	4
<b>TOTAL</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>167</b>	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
32	20	25	10	87	4
40	25	25	10	100	1
40	25	25	10	100	1
32	25	25	10	92	3
40	25	25	10	100	1
32	25	0	10	67	6
40	25	25	10	100	1
40	25	25	10	100	1
40	20	25	10	95	2
40	25	20	10	95	2
40	25	20	10	95	2
40	25	0	10	75	5

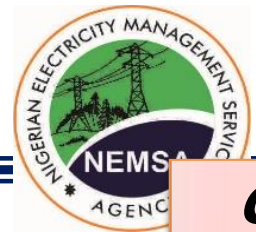
**Note: Discos should rectify defective networks reported to them by NEMSA as a priority. Notification by Discos to NEMSA for verification should be weekly, rather than waiting till end of the month.**



# NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



DISCO CUMULATIVE JAN – NOV 2018	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 EXPLOSIONS/ FIRES	NO. OF BAD NETWORKS REPORTED FOR THE YEAR	NETWORKS RESOLVED BY DISCO / TCN
		STAFF	3 <sup>RD</sup> PARTY		STAFF	3 <sup>RD</sup> PARTY			
ABUJA	13	0	14	4	2	4	0	7	138
BENIN	8	2	6	0	0	0	0	215	127
EKO	8	0	8	1	0	0	1	50	97
ENUGU	3	3	0	0	0	0	0	122	313
IBADAN	5	0	8	1	0	2	1	111	110
IKEJA	6	0	6	8	7	1	2	1521	441
JOS	13	6	7	3	3	1	0	416	141
KADUNA	6	2	4	1	0	5	0	72	255
KANO	17	2	16	6	3	3	0	47	169
PORT HARCOURT	2	1	1	0	0	0	0	344	105
YOLA	3	2	1	0	0	0	0	159	107
TCN	1	1	0	2	2	0	6	0	0
<b>TOTAL</b>	<b>85</b>	<b>19</b>	<b>71</b>	<b>26</b>	<b>17</b>	<b>16</b>	<b>10</b>	<b>3064</b>	<b>2003</b>



# 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	3
3	EKO	0	0	LAST
4	ENUGU	0	0	LAST
5	IBADAN	12	0	2
6	IKEJA	0	0	LAST
7	JOS	16	0	1
8	KADUNA	0	0	LAST
9	KANO	0	0	LAST
10	PORT HARCOURT	0	0	LAST
11	YOLA	0	0	LAST
<b>TOTAL</b>		<b>38</b>	<b>0</b>	

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



# 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!***