



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

OCTOBER 2017 RANKING

at the

The Honourable Minister of Power, Works & Housing’s

Monthly Sectoral Meeting with Operators of The Power Sector

on 13th October, 2017

Host: Benin Electricity Distribution Company (BEDC)

Venue: 330/132/33kV Transmission Substation, Asaba, Delta State

by

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Electrocutions in October 2017 still high at 7 fatalities

- ***Accidents continue to occur because many Discos fail to implement NEMSA's Recommendations. Sanctions may be applied on such Discos going forward.***
- ***Discos' efforts on disconnection / removal of structures/buildings/premises under power supply lines to be intensified.***
- ***Discos' efforts at sensitization of the Public on using***

Many of the accidents that occur in the power sector

can be attributed to seven (7) major factors:

(a) System Protection Equipment Failures;

(b) In some cases, total absence of protection devices.

(c) Poor Terminations , poor maintenance of Ageing Networks, Right-of-way issues.

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

(e) Non adherence to safety rules, and regulations .

(f) Inadequate knowledge and Ignorance on the part of operators/consumers/publi

(g) Vandalism

Operators of the Power Sector to address these points urgently.



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



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)

To be revised
upwards



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RAW DATA

MONTH: OCTOBER 2017

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	0	38	4
2	BENIN	0	0	0	24	4
3	EKO	1	1	1	17	4
4	ENUGU	0	0	1	49	4
5	IBADAN	0	0	0	6	4
6	IKEJA	0	0	0	88	4
7	JOS	2	2	0	62	4
8	KADUNA	0	0	0	9	4
9	KANO	1	1	0	25	4
10	PORT HARCOURT	1	2	0	4	4
11	YOLA	0	0	0	8	4
12	TCN	0	0	0	0	4
TOTAL		6	7	2	330	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
32	25	25	10	92	3
40	25	25	10	100	1
32	20	25	10	87	5
40	20	25	10	95	2
40	25	15	10	90	4
40	25	25	10	100	1
32	25	25	10	92	3
40	25	25	10	100	1
32	25	25	10	92	3
32	25	10	10	77	6
40	25	20	10	95	2
40	25	0	10	75	7

Note: Discos should rectify defective networks reported to them by NEMSA as a priority. This is because claims of self rectified networks by Discos have been found to be untrue/false. Notification by Discos to NEMSA for verification should be weekly, rather than waiting till end of the month.



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DISCOS & TCN RANKING TREND IN 2017

S/N o.	DISCO	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YTD
1	ABUJA	1	4	1	8	6	6	6	2	2	3			7
2	BENIN	4	3	7	1	3	1	1	1	1	1			3
3	EKO	6	1	1	2	1	3	1	2	1	5			3
4	ENUGU	1	1	1	3	1	2	3	1	1	2			1
5	IBADAN	6	2	3	5	4	3	3	3	4	4			6
6	IKEJA	1	1	5	1	1	3	2	1	1	1			2
7	JOS	5	1	6	3	4	2	1	3	2	3			4
8	KADUNA	3	7	10	6	2	3	1	1	5	1			7
9	KANO	2	4	4	4	4	4	4	2	3	3			5
10	PORT HARCOURT	1	5	2	9	2	1	3	4	1	6			5
11	YOLA	1	6	9	7	1	1	1	1	1	2			4
12	TCN	6	8	8	7	5	5	5	5	6	7			7



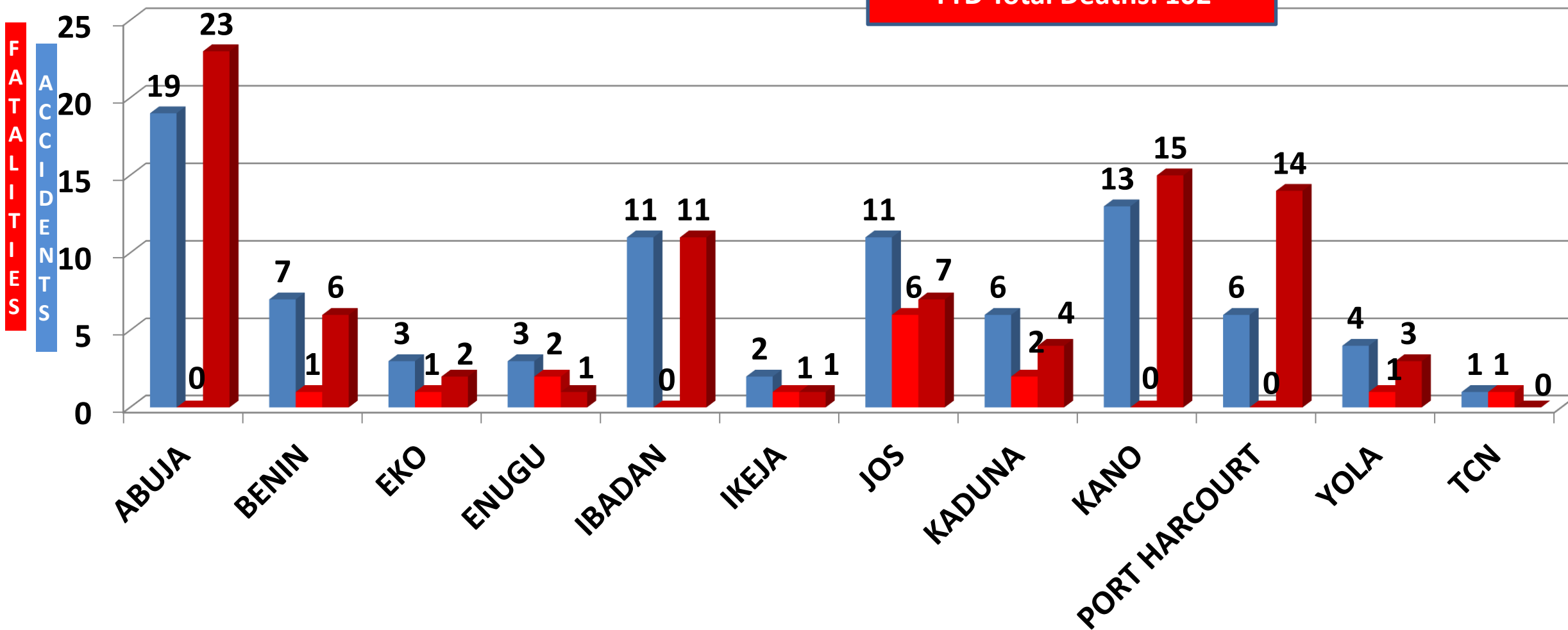
NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



CUMULATIVE DISCOS & TCN FATALITIES JANUARY - OCTOBER 2017

■ TOTAL ACCIDENTS ■ STAFF ■ 3RD PARTY

YTD Total Deaths: 102





NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2017 CUMULATIVE STATISTICS

MONTH JANUARY – AUGUST 2017	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 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	19	0	23	8	3	9	0	2	0				905	
BENIN	7	1	6	0	0	0	0	0	0				230	
EKO	3	1	2	1	1	0	0	0	0				116	
ENUGU	3	2	1	1	1	0	0	0	0				300	
IBADAN	11	0	11	5	3	2	0	0	0				119	
IKEJA	2	1	1	10	9	2	5	21	3				863	
JOS	11	6	7	6	5	1	0	0	0				408	
KADUNA	6	2	4	3	2	1	1	0	0				83	
KANO	13	0	15	9	3	11	0	1	0				135	
PORT HARCOURT	6	0	14	2	1	10	0	0	0				148	
YOLA	4	1	3	1	0	1	0	0	0				121	
TCN	1	1	0	1	4	0	6	1	1				0	
YEAR TOTAL	86	15	87	47	32	37	12	25	4				3428	



Operators of the Power Sector to once again note that the target is ZERO Electrocutions nationwide

Discos to intensify efforts at:

(i) revamping their Protection schemes &

equipment

(ii) rectifying their defective networks

to prevent electrical accidents and

Also, Discos should educate the general public on reduce technical losses.

need for extreme caution with using electricity!

YEAR	TOTAL NETWORK RECTIFIED
2014	199
2015	87
2016	801
2017	3428



✓ Metallic Cradle Guard installed at a street in Benin City needs adequate earthing.



✗ Unprotected substation at Kwanan Bukari, opposite Gwauron Gida, Katsina.

SAFETY TIPS

- **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.

