



**“SAFETY RANKING OF DISCOS & TCN IN THE POWER SECTOR”
JUNE 2017 RANKING**

at the
The Honourable Minister of Power, Works & Housing’s
Monthly Sectoral Meeting with Operators of The Power Sector
on 10th July, 2017

Host: Abuja Electricity Distribution Company (AEDC)
Venue: 2x60MVA Kukwaba Apo, Substation, Abuja

by

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***Electrocutions in June 2017 still very high
at - 14.***

***Discos' efforts on disconnection / removal of
structures/buildings/premises under power
supply lines commendable***

***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/public.***

(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

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

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

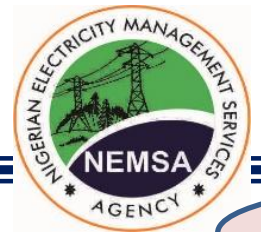
2015 BASELINE STUDY:
Not Available

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)

To be revised
upwards



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RAW DATA

MONTH: JUNE 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	3	3	3	82	4
2	BENIN	0	0	0	23	4
3	EKO	1	1	0	12	4
4	ENUGU	1	1	0	31	4
5	IBADAN	2	2	0	17	4
6	IKEJA	2	2	1	97	4
7	JOS	2	2	0	32	4
8	KADUNA	2	2	1	15	4
9	KANO	1	1	5	14	4
10	PORT HARCOURT	0	0	0	33	4
11	YOLA	0	0	0	10	4
12	TCN	0	0	0	0	4
	TOTAL	14	14	10	366	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
24	15	25	10	74	6
40	25	25	10	100	1
32	20	25	10	87	3
32	25	25	10	92	2
32	20	25	10	87	3
32	20	25	10	87	3
32	25	25	10	92	2
32	20	25	10	87	3
32	10	25	10	77	4
40	25	25	10	100	1
40	25	25	10	100	1
40	25	0	10	75	5

Note: Discos should rectify defective etworks 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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YEAR 2017 CUMULATIVE STATISTICS

MONTH JAN – JUNE 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	9	0	12	5	2	3	0	2	0				1094	
BENIN	7	1	6	0	0	0	0	0	0				135	
EKO	1	1	0	0	0	0	0	0	0				60	
ENUGU	2	1	1	0	0	0	0	0	0				103	
IBADAN	6	0	6	4	2	2	0	0	0				59	
IKEJA	2	1	1	7	7	1	5	14	3				358	
JOS	8	5	5	2	2	0	0	0	0				173	
KADUNA	4	2	2	3	2	1	0	0	0				49	
KANO	6	0	7	9	3	11	0	0	0				72	
PORT HARCOURT	2	0	10	2	1	10	0	0	0				118	
YOLA	4	1	3	1	0	1	0	0	0				44	
TCN	0	0	0	0	0	0	4	0	0				0	
YEAR TOTAL	51	12	53	33	19	29	9	16	3				2265	

Awaiting Final Verification



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



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

PROACTIVE ACTIONS BY PHEDC



Re-enforcing Public Safety Campaigns by PHEDC



Building of structure under HT line at Iwofe, Rivers State. Scaffolding /Work demolished with assistance from the security agencies. The building construction engineer was arrested

GENERAL OBSERVATION

- ❖ *Electrical accidents will be reduced with increased awareness campaign by Discos and stakeholders.*
- ❖ *Discos to intensify efforts to disconnect illegal structures under power lines or within right of way from public power supply followed with demolition nationwide.*
- ❖ *Use of substandard electrical materials, poor terminations, underrated conductors, and unrated fuses should be discontinued forthwith.*
- ❖ *Discos to pay urgent attention and rectify all networks reported by NEMSA in addition to their regular maintenance.*

YEAR	TOTAL NETWORK RECTIFIED
2014	199
2015	87
2016	801
2017	2265



SAFETY TIPS FOR THE RAINY SEASON:

- **Avoid contact with electric poles, tv antenna poles, conductors and other electrical equipment installed in the open, during rainfall**
- **Avoid staying under trees and tall objects during thunderstorms**
- **Avoid climbing masts during rainfall/thunderstorms**
- **Avoid power cables and metallic objects during rainfall**
- **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.**



Work Safely!
Safety First - Safety Always
- NEMSA.

