



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

at the
The Honourable Minister of Power, Works & Housing’s
Monthly Sectoral Meeting with Operators of The Power Sector
@ Ugwuaji 330kV Transmission Station, Ugwuaji, Enugu State
on 12th June 2017
Host: Niger Delta Power Holding Company (NDPHC/NIPP)

by
Engr. Peter .O. Ewesor
Managing Director/CEO &
Chief Electrical Inspector of the Federation



Discos should disconnect electricity supply to all structures/buildings/premises under power supply lines as a matter of Urgency

Discos should liaise with relevant urban/town planning authorities to prevent erection of new structures/buildings/premises in the Right of Way (R-O-W) of power lines.

***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.

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

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

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

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	2	3	1	18	4
2	BENIN	1	1	0	10	4
3	EKO	0	0	0	12	4
4	ENUGU	0	0	0	15	4
5	IBADAN	2	2	2	14	4
6	IKEJA	0	0	0	71	4
7	JOS	1	2	1	34	4
8	KADUNA	0	0	1	11	4
9	KANO	1	1	2	13	4
10	PORT HARCOURT	0	0	1	11	4
11	YOLA	0	0	0	12	4
12	TCN	0	0	0	0	4
	TOTAL	7	9	8	221	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
24	20	25	10	79	5
32	25	25	10	92	3
40	25	25	10	100	1
40	25	25	10	100	1
32	20	25	10	87	4
40	25	25	10	100	1
32	20	25	10	87	4
40	20	25	10	95	2
32	20	25	10	87	4
40	20	25	10	95	2
40	25	25	10	100	1
40	25	0	10	75	6

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



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2017 CUMULATIVE STATISTICS

MONTH JAN – MAY 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	6	0	9	2	1	1	0	2	0				1012	
BENIN	7	1	6	0	0	0	0	0	0				112	
EKO	0	0	0	0	0	0	0	0	0				48	
ENUGU	1	1	0	0	0	0	0	0	0				72	
IBADAN	4	0	4	4	2	2	0	0	0				42	
IKEJA	0	0	0	6	6	1	2	10	2				261	
JOS	6	5	3	2	2	0	0	0	0				141	
KADUNA	2	1	1	2	1	1	0	0	0				34	
KANO	5 **	0	6	4	2	7	0	0	0				58	
PORT HARCOURT	2	0	10	2	1	10	0	0	0				85	
YOLA	4	1	3	1	0	1	0	0	0				34	
TCN	0	0	0	0	0	0	4	0	0				0	
YEAR TOTAL	37	9	42	23	15	23	6	12	2				1899	

Updated from last month's report



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

Factors Militating Against Reliable Safe Power Supply



Unsafe and Dangerous Connections.
Technicians nightmare; Accident Waiting to Happen!!
Discos enjoined to further tidy up their Networks

Dangerous Installations needing urgent resolution



**Unsafe and Dangerous 330kV Power Lines over
Command Secondary School, Ajasa, Lagos.**
Accident Waiting to Happen

GENERAL OBSERVATION

- ❖ *Discos must pay urgent attention and rectify all networks reported by NEMSA in addition to their regular maintenance.*
- ❖ *Discos have connected Unsafe structures/buildings & premises and collecting revenue from them.*
- ❖ *All illegal structures under power lines or within right of way should first be disconnected from public power supply followed with demolition nationwide.*
- ❖ *Use of substandard terminations, underrated conductors/transformers, and unrated fuses should be discontinued forthwith.*

YEAR	TOTAL NETWORK RECTIFIED
2014	199
2015	87
2016	801
2017	1899



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.

