

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

*at the
The Honourable Minister of Power, Works & Housing’s Monthly Meeting
with Operators of The Power Sector
@ Transcorp Power Plc, Ughelli, Delta State
on 13th March 2017*



by

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



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



Life lost can never be replaced.

The next victim could be you or yours.

Safety First; Safety Always

Work Safely!!!



NEMSA
No. 4, Dar es Salaam Crescent,
Off Aminu Kano Crescent,
Wuse II, Abuja, Nigeria.
www.nemsa.com.ng

***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) Non adherence to safety rules, and regulations .

(d) Poor Response to Monitored Networks.

(e) Inadequate knowledge and Ignorance on the part of operators/consumers/public.

(f) Poor Terminations & poor maintenance of Ageing Networks

(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)

In view of the success recorded with networks resolved, it is proposed to raise the criteria on Network Resolved index



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



RAW DATA

MONTH: FEBRUARY 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	1	628	4
2	BENIN	1	1	0	25	4
3	EKO	0	0	0	14	4
4	ENUGU	0	0	0	23	4
5	IBADAN	0	0	0	7	4
6	IKEJA	0	0	0	41	4
7	JOS	0	0	0	37	4
8	KADUNA	0	0	0	2	4
9	KANO	1	1	2	11	4
10	PORT HARCOURT	1	3	0	18	4
11	YOLA	1	1	0	5	4
12	TCN	0	0	0	0	4
TOTAL		5	7	3	811	

DEATHS [STAFF & 3RD PARTY]	MAJOR INJURIES	BAD NETWORKS RESOLVED	REPORTING COMPLIANCE	TOTAL	RANKING
32	20	25	10	87	4
32	25	25	10	92	3
40	25	25	10	100	1
40	25	25	10	100	1
40	25	20	10	95	2
40	25	25	10	100	1
40	25	25	10	100	1
40	25	5	10	80	7
32	20	25	10	87	4
24	25	25	10	84	5
32	25	15	10	82	6
40	25	0	10	75	8



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



YEAR 2017 CUMULATIVE STATISTICS

MONTH	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	1		1	1	0	1	0	0	0				667	
BENIN	1		1	0	0	0	0	0	0				27	
EKO	0		0	0	0	0	0	0	0				14	
ENUGU	0		0	0	0	0	0	0	0				36	
IBADAN	0		0	0	0	0	0	0	0				7	
IKEJA	0		0	0	0	0	0	0	0				71	
JOS	3		3	1	0	1	0	0	0				74	
KADUNA	0		0	0	0	0	0	0	0				5	
KANO	2		2	1	0	2	0	0	0				22	
PORT HARCOURT	1		3	0	0	0	0	0	0				43	
YOLA	1		1	0	0	0	0	0	0				18	
TCN	0		0	0	0	0	2	0	0				0	
YEAR TOTAL	8		11	4	0	4	2	0	0				984	



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

Commendable efforts by some DISCOs at providing safe networks



Cradle Guards installed over bridge /expressway crossings in Wuse Zone 4, and Wuse II, Abuja, FCT



A well designed and constructed substation in GRA, Sokoto.

GENERAL OBSERVATION

- ❖ *Resolution of defective networks by Discos is improving*
- ❖ *This is a highly commendable.*
- ❖ *DISCOs are enjoined to continue with this trend.*

The benefits will be enormous:

- *More Stable and Reliable Power Supply Nationwide*
- *Reduced Accidents*
- *Reduced Technical Losses*
- *Improved Customer Satisfaction*
- *Improved Revenue*
- *Minimized Payments of Compensations*
- *A more robust Nigerian Electricity Market.*

YEAR	TOTAL NETWORK RECTIFIED
2014	199
2015	87
2016	801
2017	984



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 during thunderstorms**
- **Avoid climbing masts during rainfall/thunderstorms**
- **Avoid power cables and metallic objects**
- **Wear rubber sole shoes when on wet grounds**
- **Report any fallen electric poles or conductors to the nearest electricity utility company**



Work Safely!
Safety First Safety Always
- NEMSA.





NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



FORM: NEMSA/0023

CUMULATIVE DATA ON SAFETY FOR THE YEAR 2017

NAME OF DISCO/TCN: _____

Submitted By: _____

Date: _____

MONTH	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	NO. OF BAD NETWORKS RESOLVED BY DISCO / TCN	RESPONSE TO NEMSA REPORTS IN WEEKS
		STAFF	3 RD PARTY		STAFF	3 RD PARTY								
JANUARY														
FEBRUARY														
MARCH														
APRIL														
MAY														
JUNE														
JULY														
AUGUST														
SEPTEMBER														
OCTOBER														
NOVEMBER														
DECEMBER														
YEAR TOTAL														



NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)



FORM: NEMSA/0026S

CUMULATIVE DATA ON SAFETY FOR THE YEAR 2017

NAME OF DISCO/TCN: _____

Submitted By: _____

Date: _____

FORM:NEMSA/026S

ATTESTATION TO REPORTS

PROVISION OF DATA FOR SAFETY RANKING OF POWER SECTOR OPERATORS

(To be signed)

and submitted by the Disco and TCN)

NAME OF COMPANY: _____

We hereby attest that the information given by us in the accompanying report(s) is correct and factual. We affirm that if any part of this report is found to be false or incorrect, we shall be liable to the sanctions that may arise from such false declaration.

Name of Officer: _____

Signature of Officer: _____

Date: _____

Official Stamp: