# "SAFETY RANKING OF DISCOS & TCN IN THE POWER SECTOR"

## JANUARY 2017 RANKING

*by*

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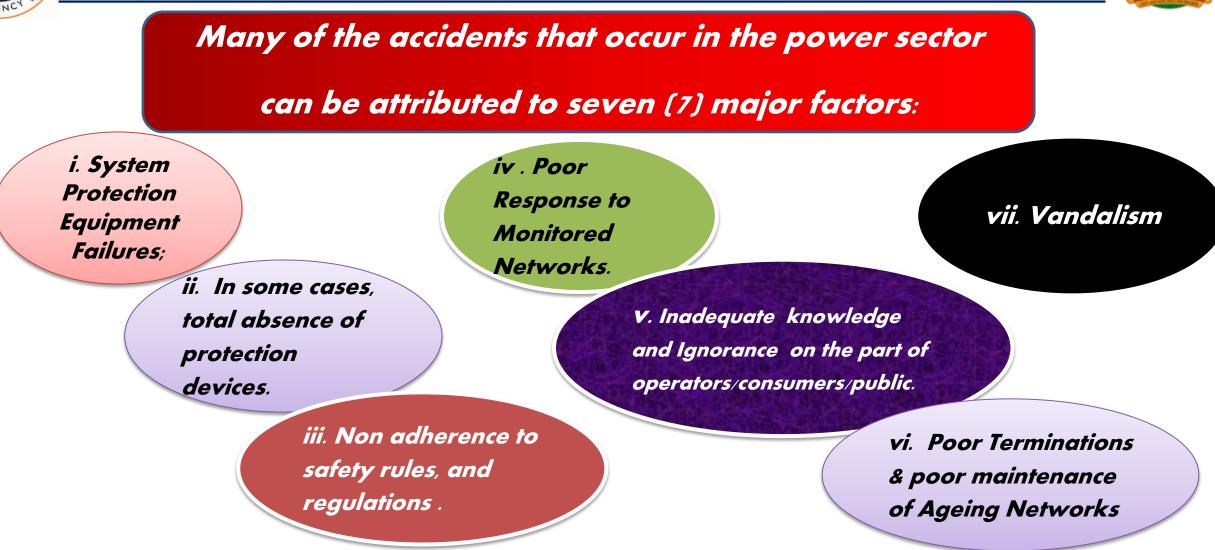*Chief Electrical Inspector of the Federation*

at the

**The Honourable Minister of Power, Works & Housing's Monthly Meeting with Operators of The Power Sector on 13th February 2017 in Ibadan, Oyo State**

*NEMSA*
*No. 4, Dar es Salaam Crescent,*
*Off Aminu Kano Crescent,*
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**Many of the accidents that occur in the power sector can be attributed to seven (7) major factors:**

- **i. System Protection Equipment Failures;**
- **ii. In some cases, total absence of protection devices.**
- **iii. Non adherence to safety rules, and regulations .**
- **iv . Poor Response to Monitored Networks.**
- **v. Inadequate knowledge and Ignorance on the part of operators/consumers/public.**
- **vi. Poor Terminations & poor maintenance of Ageing Networks**
- **vii. 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 |

**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)

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

*In view of the success recorded with networks resolved, it is proposed to raise the criteria for this index*

# NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY (NEMSA)

**RAW DATA**

**MONTH: JANUARY 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 | DEATHS [STAFF & 3RD PARTY] | MAJOR INJURIES | BAD NETWORKS RESOLVED | REPORTING COMPLIANCE | TOTAL | RANKING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ABUJA | 0 | 0 | 0 | 39 | 4 | 40 | 25 | 25 | 10 | 100 | 1 😊 |
| 2 | BENIN | 0 | 0 | 0 | 2 | 4 | 40 | 25 | 5 | 10 | 80 | 4 |
| 3 | EKO | 0 | 0 | 0 | 0 | 4 | 40 | 25 | 0 | 10 | 75 | 6 |
| 4 | ENUGU | 0 | 0 | 0 | 13 | 4 | 40 | 25 | 25 | 10 | 100 | 1 😊 |
| 5 | IBADAN | 0 | 0 | 0 | 0 | 4 | 40 | 25 | 0 | 10 | 75 | 6 |
| 6 | IKEJA | 0 | 0 | 0 | 30 | 4 | 40 | 25 | 25 | 10 | 100 | 1 😊 |
| 7 | JOS | 3 | 3 | 1 | 37 | 4 | 24 | 20 | 25 | 10 | 79 | 5 |
| 8 | KADUNA | 0 | 0 | 0 | 3 | 4 | 40 | 25 | 10 | 10 | 85 | 3 |
| 9 | KANO | 1 | 1 | 0 | 11 | 4 | 32 | 25 | 25 | 10 | 92 | 2 |
| 10 | PORT HARCOURT | 0 | 0 | 0 | 25 | 4 | 40 | 25 | 25 | 10 | 100 | 1 😊 |
| 11 | YOLA | 0 | 0 | 0 | 13 | 4 | 40 | 25 | 25 | 10 | 100 | 1 😊 |
| 12 | TCN | 0 | 0 | 0 | 0 | 4 | 40 | 25 | 0 | 10 | 75 | 6 |
| | TOTAL | 4 | 4 | 1 | 173 | | | | | | | |

# 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 | 173 |

**Life lost can never be replaced.**

**The next victim could be you or yours.**

**Safety First; Safety Always**

**Adhere to Standards and Regulations**

**Work Safely!!!**

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# 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 | 3RD PARTY | | STAFF | 3RD PARTY | | | | | | | | |
| JANUARY | | | | | | | | | | | | | | |
| FEBRUARY | | | | | | | | | | | | | | |
| MARCH | | | | | | | | | | | | | | |
| APRIL | | | | | | | | | | | | | | |
| MAY | | | | | | | | | | | | | | |
| JUNE | | | | | | | | | | | | | | |
| JULY | | | | | | | | | | | | | | |
| AUGUST | | | | | | | | | | | | | | |
| SEPTEMBER | | | | | | | | | | | | | | |
| OCTOBER | | | | | | | | | | | | | | |
| NOVEMBER | | | | | | | | | | | | | | |
| DECEMBER | | | | | | | | | | | | | | |
| YEAR TOTAL | | | | | | | | | | | | | | |