Issue No 57 July 2021

NEWSLETTER

TRANSMISSION COMPANY OF NIGERIA (TCN)

- **EAU confers Honorary Doctorate Degree on Ag. MD/CEO TCN**
- **TCN, W/Bank Train 708 Electrical Engineers, Linesmen**
- **Vandalism within Abuja Region**

GRID CODE REVIEW PANEL TASKED TO REVIEW AND UPDATE THE GRID CODE

By Stella Ejikonye

R-L, ED (ISO), Engr. Maman Lawal, GM (Engineering), Engr. Geoffrey Nwokoye and GM (MO), Engr Edmund Eje

The Nigerian Electricity Supply Industry (NESI) is a highly regulated industry with different operators providing services targeted at delivering safe and reliable electricity to the various categories of consumers. To ensure that the industry functions efficiently, there are several legal and regulatory instruments which create service level obligations on the operators under the regulatory purview of the Nigerian Electricity Regulatory Commission (NERC). One of these regulatory frameworks is the Grid Code which is an instrument that contains the day to day operating procedures and principles governing the development, operations and maintenance of an effective and well coordinated and economic transmission system.

Considering the criticality of the Grid Code in the efficiency of the grid system, there is provision for regular review and amendment of the Code to align it with changing and emerging circumstances in order to improve its efficacy in guiding all users of the electric power grid. The Grid Code Review Panel (GCRP) is empowered to drive the review and amendment processes. Section 3.1.1 of the Grid Code provides that "A Grid Code Review Panel shall be formed pursuant to Rule 42 of the Market Rules. This Panel shall be in charge of the Grid Code review and amendment."

The functions of the GCRP include among others the following:

a. Keep the Grid Code and its working under review

b. Review all amendments to the Grid Code, which NERC or any User or TCN may wish to submit for consideration by the Panel from time to time.

c. Publish recommendations as to amendments to the Grid Code that TCN or the Panel feels are necessary or desirable and the reasons for the recommendations;

d. Issue guidance in relation to the Grid Code and its implementation, performance and interpretation when asked to do so by the User;

e. Consider what changes are necessary to the Grid Code arising out of any unforeseen circumstances referred to it by TCN;

f. Consider and identify changes to the Grid Code to remove unnecessary sections or clauses that are irrelevant to the effective operation of the Nigeria Power System.

Membership of the GCRP is statutorily drawn as enshrined in the Grid Code to represent different stakeholder groups including NERC, Gencos, Discos, TCN as well as the oil and gas sector. Following the deregulation of the NESI, the GCRP was first launched by NERC in 2007 with 13 members to undertake the functions mentioned above. Since then, several panels have been constituted and have made useful

resolutions and amendments to the Grid Code resulting in two successive versions; the current one being GC Version 03.

Members of Grid Code Review Panel

In pursuance of its mandate, the current GCRP convened on 8th July, 2021in Keffi Nasarawa State at its 21st meeting under the Chairmanship of Engr. Maman Lawal, Executive Director, Independent System Operations, TCN. Engr. Lawal reminded members of their role in GCRP stressing the purpose of the Grid Code which he said is aimed at maintaining the integrity of the grid by ensuring that users do not compromise the minimum standard required for efficient, reliable and sustainable operations of the grid. He said that in order to effectively conduct the business of the meeting, the Panel would work under three sub-committees, viz: Distribution, Transmission and Generation sub-committees to ensure that adequate attention was given to issues bordering on the varied facets of the sector with a view to proffering specific solutions.

Speaking in the same vein during an interview, the Secretary and member of GCRP Engr. Kabir Adamu maintained that the Panel was to constantly look at how the Code was being implemented and to identify challenges arising therefrom with a view to finding solutions to those challenges so as to achieve stability and reliability of the grid.

Cross section of participants

TCN MANAGEMENT MEETS WITH THE EXECUTIVE OF SSAEAC TCN CHQ CHAPTER

By Grace Sambe-Jauro

The Management of the Transmission Company of Nigeria (TCN), has charged the executives and members of the TCN-CHQ Chapter of the Senior Staff Association of Electricity and Allied Companies (SSAEAC), to join heads together with the management to find solutions to issues affecting staff to engender industrial harmony.

The Executive Director, Human Resources and Cooperate Services, Mr. Justin Ishaya Dodo, gave the charge during the statutory Joint Advisory Committee Meeting between TCN Management and SSAEAC Executives which was held on Friday, 16th July 2021 at TCN corporate headquarters, in Abuja.

According to him, this was the first time such meeting was taking place between the current management and TCN-CHQ SSAEAC chapter since after the management assumed office. He explained that the meeting affords the management and the Union opportunity to rub minds together. In his words, "we have moved away from trenches, and are now on the table discussing issues that would help us all. We are going to deliberate on them with all sense of responsibility with the aim of aiming at solutions".

In his remarks, the Chairman of SSAEAC TCN-CHQ chapter Comrade Engr. Nwachukwu L.O. appreciated the Management of TCN for the opportunity to meet with them, and for the Management's desire to pursue industrial harmony within the company. He said, "we are in a new dawn, a new dawn of peace, harmony, and we know that where there is harmony, it engenders productivity and progress".

He expressed the willingness of the union to work with TCN Management, saying that SSAEAC is in partnership with the Management for progress not just for TCN, but also for the nation's power sector.

The meeting deliberated on issues such as Recruitment, Staff Welfare, among others.

A cross section of TCN and SSAEAC (TCN) Chapter team

TCN, W/Bank Train 708 Electrical Engineers, Linesmen

By Ndidi Mbah

Ag. MD/CEO TCN, Engr. Sule Abdulaziz

The Transmission Company of Nigeria, TCN, has commenced an intensive training program for 708 engineers in the company taken from the electrical, maintenance department, Protection, Control, and Metering department, and linesmen across the 10 regions of the company, through a World Bank program.

Declaring the training open in Abuja on Monday, the Ag. Managing Director and Chief Executive Officer of TCN, Engr. Sule Ahmed Abdulaziz said the training is to expose TCN maintenance engineers to facility improvement programs under the World Bank's Nigeria Electricity Transmission Project (NETAP), currently being executed in TCN.

He said, "In all, engineers undergoing this training are those in the Protection, Control and Metering Department (PC&M), Electrical Maintenance Department (EMD), and Lines Maintenance Department (LMD), totaling 708 engineers from the 10 Transmission Service Provider (TSP) regions nationwide."

The TCN head noted that the company was prioritizing the training of its staff as it gradually expands the capacity of its transmission network with the execution of several projects to ensure grid efficiency and stability.

"A more robust grid, coupled with the role we must play under the new Service Level Agreement and our part in the West African Power Pool (WAPP), among others, underscore the need for our engineers to be trained and retrained, to ensure that they are relevant and efficient," Abdulaziz said.

According to him, the training which is divided into five modules is aimed at honing their skills and, in the end, give them fresh perspectives on how to get their jobs done more efficiently and effectively to produce better results.

The Executive Director, Transmission Service Provider (TSP) in TCN, Engr. Victor Adewumi urged the participants to ensure active involvement during the program and to ask questions whenever they require clarification during the two-week training.

He also advised that this is the right time to seek knowledge, noting that with adequate theoretical and hands-on knowledge they are more likely to progress to become prosperous, he said that it is only ones with keen interest and determination that come out of such training programs better engineers."

On his part, the Executive Director, Human Resources and Change Management at TCN, Mr. Justin Ishaya Dodo, revealed that much preparation was put into the program design for maximum result and he lauded the World Bank initiative, even as advised the trainees to make the best use of the opportunity and also to network and make new friends.

The General Manager, Programme Coordination at TCN, Engr. Joseph Ciroma urged the graduates to deepen their knowledge as the training has a team from the World Bank along with other indigenous power experts and instructors to provide deeper knowledge about emerging trends and what is expected of the trainees in their job roles at TCN.


Group photograph

TRANSMISSION COMPANY OF NIGERIA

Hearty Congratulations

Dr. Goddy Jedy Agba, OFR

Hon. Minister of State, Power

on your conferment of Honorary Doctorate Degree by Benson Idahosa University, Benin City, Edo State.

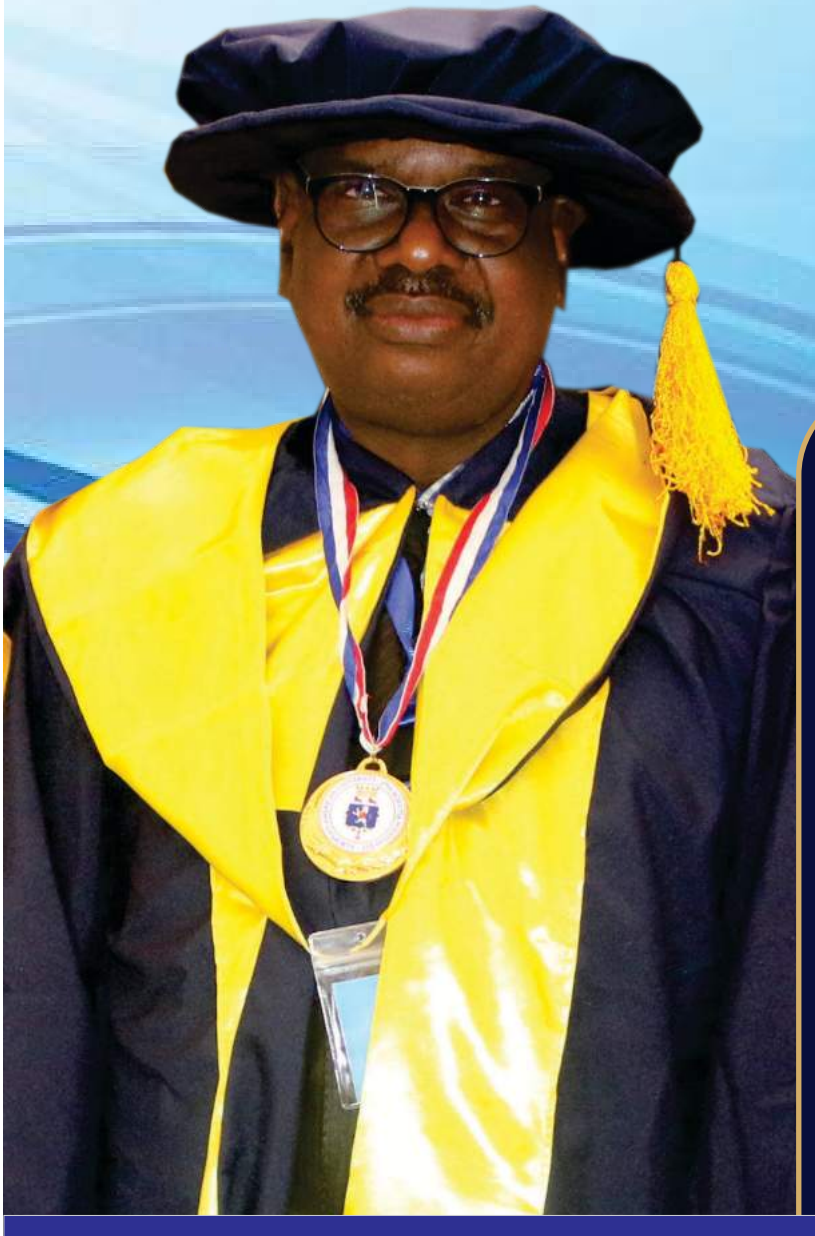
This is undoubtedly in recognition of your Commitment to national development particularly in the Power Sector and Outstanding Leadership in the upliftment and empowerment of the common man.

TCN felicitates with you on this auspicious occasion

Many Hearty Cheers

Congratulates!

An Achiever



Engr. Dr. Sule Ahmed Abdulaziz, FNSE

Ag. MD/CEO, TCN

On the conferment of Doctor of Science (D.Sc) degree in Engineering & Project Management by the European American University, Commonwealth of Dominica on Thursday, 8th July 2021.

It is our firm belief that this recognition will spur you to contribute more to the development of the Nigerian Electricity Supply Industry (NESI).

The Management and Staff of TCN congratulate you on this well-deserved honour.

TCN... transmitting bulk electricity in the most efficient and effective manner

EUROPEAN AMERICAN UNIVERSITY CONFERS HONORARY DOCTORATE DEGREE ON TCN Ag. MD/CEO

By Ndidi Mbah

The Acting Managing Director/ Chief Executive Officer of Transmission Company of Nigeria (TCN), Engr. Sule Ahmed Abdulaziz, who is also the Chairman of the Executive Board of West African Power Pool (WAPP), has been awarded the prestigious Doctor of Science (D.Sc.) Degree in Engineering and Projects Management by the European American University, Commonwealth of Dominica. The award was conferred on Engr. Abdulaziz on Thursday, 8th July 2021, in Abuja.

Performing the conferment ceremony, the President of European America University, Prof. John Kersey represented by Dr. Luke Okojie, an international partner to the University, noted that Engr. Abdulaziz was singled out for the prestigious award for his exemplary contributions to the Nigerian Electricity Supply Industry (NESI) and his role in WAPP.

Dr. Sule Ahmed Abdulaziz dedicated the award to the Management and staff of TCN, noting that his contributions to NESI were made possible by his career in TCN and the collective support of all TCN staff.

The Ag. MD/CEO appreciated the support demonstrated by the European American University and gave the assurance that he would be more diligent in the pursuit of a more efficient and robust transmission grid.

Ag. MD/CEO TCN, Engr. Sule Abdulaziz and Dr. Luke Okojie, representing President of European America University

TCN RESTORES THE NATION'S GRID

The Transmission Company of Nigeria hereby states that the nation's grid was fully restored at 4:59 pm yesterday, 28th July 2021, after a grid collapse which occurred at about 12:20 pm the same day, the collapse was triggered by a sudden drop in system frequency to 47.21Hz.

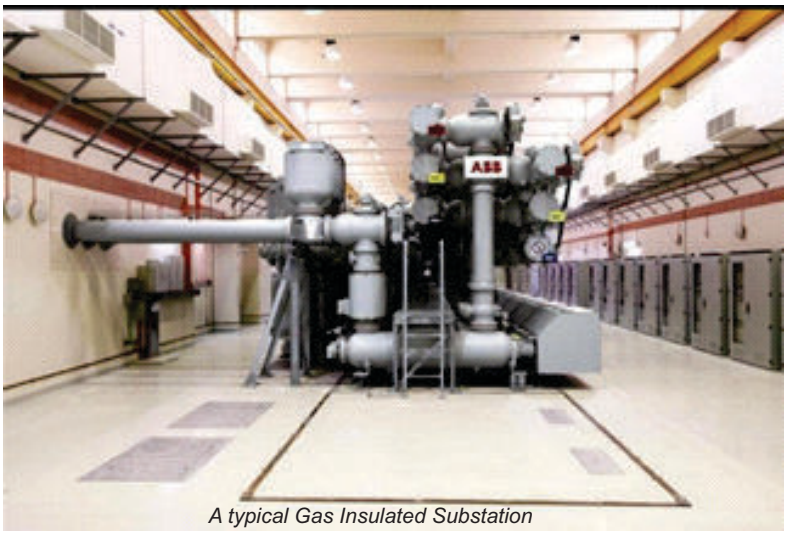
Reports received from SCADA and other power generating stations showed that at about 12:20 pm, two generating units tripped in one generating station while four equally tripped in another generating station, causing a loss of 261MW and 350MW respectively, bringing the total loss of electricity on the grid to 611MW.

It is suspected that the sudden loss of 611MW from the grid, caused system instability and its eventual collapse.

After the collapse, however, TCN's system operators immediately commenced the restoration of the grid and by 12:46 pm, power supply in Abuja was fully restored from Shiroro Generating Station. At 1:05 pm, TCN equally commenced grid restoration from the Delta Power Station, and at 4:59 pm, a full restoration of the entire grid was achieved.

We appreciate the government, electricity customers nationwide, and our international customers for their patience and note that TCN would continue to work hard to expand and maintain the stability of the national grid.

Gas Insulated Substations (GIS)



A typical Gas Insulated Substation

Substations are designed to step down high voltage electricity from a transmission system to a lower voltage electricity so it can be easily distributed by Distribution companies to homes and businesses or do the reverse to wheel electricity with limited losses across distances. Two basic substation insulation systems exist namely, Gas Insulated Substation (GIS) and Outdoor Substation.

The GIS is a high voltage substation in which the major conducting structures are contained within a sealed environment with a dielectric gas known as SF6, or sulphur hexafluoride gas as the insulating medium.

This gas is non-toxic, maintains atomic and molecular properties even at high voltages. It also has high cooling properties, and has superior arc quenching properties. In addition, it has superior dielectric properties compared to other gases; this enables it provide favourable insulation for the phase to phase and phase to ground moderation. In the substation setup, the gas is contained in a grounded metal enclosure containing the conductors, current and voltage transformers, circuit breaker interrupters, switches, and lightning arrestors.

The merits of this system are numerous. Unlike the outdoor substations, the GIS provides a safe working environment for the engineer on duty and reduces disruption of the insulation system as conducting structures are buried. Also, by reducing the distance between active and non active switchgear parts, less space is required than in the normal outdoor system. The GIS substation has a Low maintenance requirement due to expedient design and protection against external elements among others.

On the other hand, GIS has high installation costs compared to the outdoor systems and when a fault occurs internally, diagnosis of the fault and rectifying it takes very long time thereby increasing outage time. The procurement and supply of SF6 gas can also be a problem especially in rough terrains and off site locations.

Nigeria has six gas insulated substations located in Aja, Lekki, Akoka, Apapa Road, Amuwo in Lagos State and Central Area, Abuja while all other substations in the country are outdoor substation.

The outdoor substation however is used for all voltage levels between 55kV to 765kV, and such type of substation requires less time for construction but uses more space and are mainly classified into two types, namely; Pole-Mounted Substation and Foundation-Mounted Substation.


Pole-Mounted Substation


Foundation-Mounted Substation

TRANSMISSION LINES

RIGHT OF WAY VIOLATION

By Ndidi Mbah

The Transmission Company of Nigeria manages the electricity transmission network in Nigeria (the national grid) which consists of substations located in every state of the country. The national grid is interconnected or linked together through a web of high tension 300kV, 132kV, and 33kV transmission lines crisscrossing the length and breadth of the country. For ease of administering this complex network, the grid is structured into 10 Transmission Regions namely, Abuja, Bauchi, Benin, Enugu, Kaduna, Kano, Lagos, Oshogbo, Port Harcourt, and Shiroro.

TCN is committed to a robust grid expansion program and upgrading of its infrastructure and installations including high tension transmission lines, to maintain the stability of the nation's grid and to extend electricity access to its teeming population. However, TCN's efforts are being hampered by perennial challenges, such as excavation of laterite close to the foundation of transmission towers, vandalism, aging equipment, difficult swampy terrain, and encroachment under the transmission Right of Way (RoW) among others.

By far, the most prevalent and troubling of these problems is the proliferation of buildings and businesses under TCN's high tension transmission lines, thus violating the Transmission Right of Way. By regulation 3.1 Nigerian Electricity Supply and Installation Standards Regulation 2014, transmission Right of Way for transmission lines of all voltage levels shall be as follows: 50 meters on both sides of the 330kV transmission lines, 30meters on both sides of the 132kV transmission lines, and 11 meters for 33kV lines. Despite the regulation and regular sensitization campaigns by TCN against this menace, the incidence of violation of transmission lines Right of Way has persisted and has become a major threat to the successful execution of TCN's grid expansion agenda.

Presently, all over the nation, illegal structures, some with multiple floors, fortified fences, and gates have been erected without regard to the Right of Way limitations, health and safety considerations as well as urban development requirements. Warnings from TCN and the danger this poses to the health and safety of violators and trespassers have been ignored, and the construction of buildings and display of wares under the high tension transmission lines have increased over the years and assumed worrisome proportions.

From the North to the South and from the East to the West, this dangerous trend persists. This has made it a very arduous task for TCN Engineers

whenever they need to access the lines for maintenance or repairs.

TCN has in diverse ways sensitized violators and trespassers on the Right of Way to its facilities and installations and the need to stop ongoing structures and trading under high tension transmission lines, and to move away from such locations but so far, this has failed to yield the desired results. Demolition, on the other hand, seems to have also ceased to be an effective way of deterring such violations. Between 1984 - 85, the Federal Government embarked on the demolition of several illegal structures under transmission lines across the country after several warnings. This led to the mass exodus of affected persons, but no sooner had the government stopped the exercise than people commenced building even more sophisticated structures under these lines.

TCN has aired several jingles on radio, TV and other mass media platforms discouraging the erection of permanent structures under transmission lines Right of Way, and advised prospective builders and other land developers to conduct due diligence on land they propose to buy, to ensure that it is neither encumbered nor in breach of transmission RoW. Despite these efforts, the number of violators continue to grow in leaps and bounds nationwide.

The general public must be reminded that building or operating a business under the transmission lines RoW is prohibited by law in the Federal Republic of Nigeria.

The ills of building under high tension transmission lines are numerous including exposure to electromagnetic waves or radiation which could cause a wide range of diseases. Worse still, some of such persons living in these houses sometimes go to the extent of illegally connecting to distribution lines even when their houses are built without Earthen wire to minimize the danger of accidental electrical charges; neither do they use miniature circuit breaker (MCB), with the resultant effect of perpetual exposure to different degrees of radiation from the high-tension transmission lines and dangers of illegal connection.

TCN requires the support of all in this regard to stop this menace and restore sanity to transmission lines Right of Way. It is clear that even though electricity is a vital part of our daily life, electricity can also cause a lot of harm if appropriate measures are not taken.

It is unimaginable the level of death and destruction that could occur if a high-tension transmission line snaps! The current can burn to ash houses and living things within a 30m radius of the line.

Available statistics show that many lives have been lost in the past due to electricity accidents including high tension wire cut. The Federal Road Safety Corps (FRSC), Anambra Command, on Tuesday, May 2020, confirmed the electrocution of a woman and her daughter at their shop along Nnewi-Nnobi road in Nnewi North Local Government Area. This occurred when a high tension wire cut along

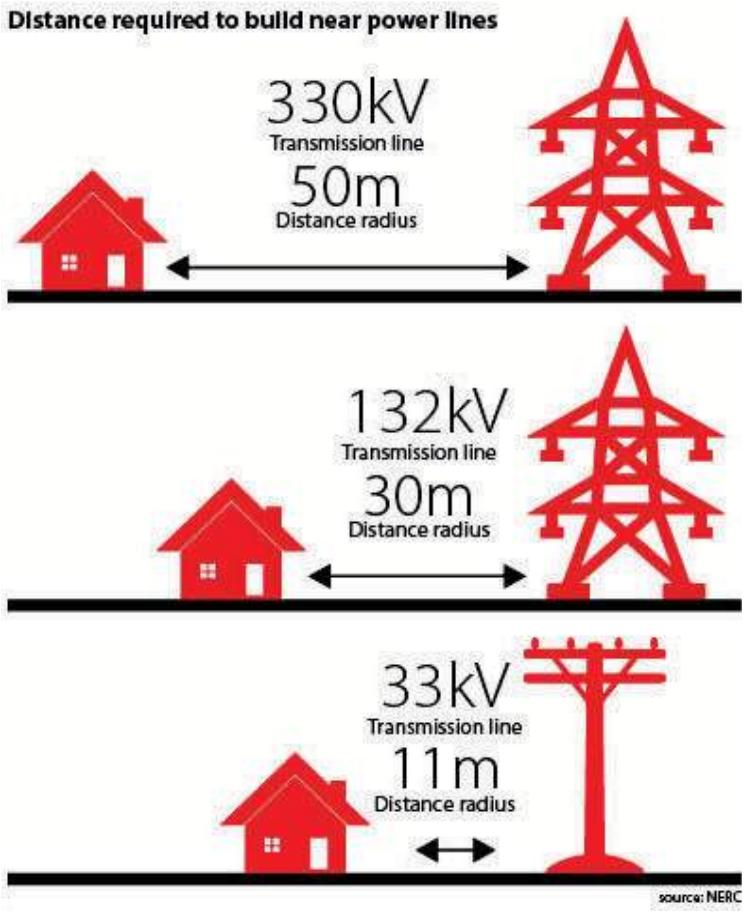
Nnewi-Nnobi road and fell on their shop. On 10th October 2016, in Dakibiu, a suburb in Jabi area of Abuja, high voltage electrical cable killed a resident, after breaking off its line due to heavy winds. A lady was also reportedly killed at the early hours of Thursday 23rd May, 2019 by a high voltage cable that fell off from the Ikeja Electric Pole in Lagos, and a host of others.

The incidence of encroachment on transmission line Right of Way is adversely affecting TCN's current efforts to effect the reconductoring of the Ikeja-West-Aja 330kV transmission line due to structures on the line route. Engineers have had to seek permission from house to house to be able to string the lines and to equally tension them. In some cases, the engineers have outrightly been denied access thus stalling repair work. Talk of the Owner of the land becoming the beggar!

Presently, many cities have taken over the RoW of high-tension lines and towers and people go about their lives oblivious of the grave consequences they are exposed to.

Presently, many cities have taken over the RoW of high-tension lines and towers and people go about their lives oblivious of the grave consequences they are exposed to. Worse still, some experts have postulated that many children may have become handicapped in different ways due to exposure by pregnant mothers to radioactive waves emanating from the high-tension wires.

For the safety of life and property and in the interest of those concerned, TCN urges strict compliance with the Right of Way requirements and other urban development conditions as specified by law. TCN will not be liable in any case of loss of life or accident arising from any electrical accident occurring within its Right of Way.



HUMAN RELATIONS, ETIQUETTE AND PROTOCOL MANAGEMENT IN THE WORKPLACE

By Henry E.

Introduction

Knowing how to get along with others, resolve workplace conflict, manage relationships, communicate well and make good decisions are crucial to our professional success. Without a stable and inviting workplace culture, difficult challenges can arise both in the logistics of managing employees and in the bottom line.

Human Relations is defined as the process of fostering a workplace culture and resolving conflicts between employees or between employees and management. Etiquette is defined as the ethical and socially acceptable behaviour regarding professional practice or action among the members of a profession in their dealings with each other, while Protocol is defined as the proper code of conduct to follow in certain situations or the formal rules of etiquette observed by heads of state (Diplomacy).

Importance of Human Relations, Workplace Etiquette and Protocol

Sound human relations, etiquette and protocol helps improve retention, aids motivation and productivity, fosters creativity, aids promotion as well as increased work satisfaction. In addition, one common reason for loss of work has been due to lack of human relations skills e.g. the inability to work within a team, personality issues etc. In addition, and according to psychologist Sydney Jourard, most joy in life comes from happy relationships with other people. These all establishes the fact that it is important to develop effective relations with colleagues through compliance with workplace etiquette and protocol.

Understanding Workplace Personality Styles

The concept of Social Style was first formulated by Merrill and Reid and is defined as a pervasive and enduring pattern of interpersonal behaviour. It is a person's characteristic way of behaving across a variety of situations, and influences nearly everything a person does with other people. People can either be Drivers; Expressives; Analytics or Amiables. No person conforms completely to one type. People tend to have all of the four Social Styles with a dominant style that influences the way he works and interacts with others. However, everyone has one style that predominates and is used most frequently. This is the style the person feels most comfortable with. How to identify these personalities and then handle each personality type is a must for everyone at the workplace. There are three (3) behavioural dimensions of workplace personality styles. It is either one is assertive, responsive or versatile at one point or the other. Being versatile enables one to effectively understand and relate with the different styles seamlessly. Developing this versatility is the main objective of understanding personality styles.

Workplace Etiquette and Protocol
Etiquette is a standard that controls social behaviour expectations in the workplace. It covers a wide range of aspects among employees. Basically, it is about how you conduct yourself around co-workers, potential business partners, and customers. It boils down to treating others with respect, to be aware of everyone present and to be polite overall.

The development of protocols is typically broken out into two categories: common courtesy and space-specific. Common courtesy protocols adhered to by all employees include basic guidelines for ensuring an amicable work environment. Space-specific protocols, on the other hand, typically focus on unique challenges or situations that can arise in specific spaces.

Types of Etiquettes and Protocols
There are several types of etiquette and protocol. They include Social Etiquette; Meeting Etiquette; Corporate Etiquette; Business Etiquette as well as Telephone Etiquette to mention a few.

Some Basic Rules of Social Etiquette
The rules of social etiquette include, but are not limited to the following: Say Thank You always; Offer Compliments; Exercise Self-Control; Listen Actively; Speak with Caution; Make Eye Contact; Be Punctual; Stand During Introductions; Offer Your Seat (especially to Pregnant ladies, elderly as well as the physically challenged) as well as Hold Doors for others, especially when you see them struggling with the door.

Basic Rules of Workplace Etiquette
Basic rules of workplace etiquette include the following: Be Respectful to Colleagues; Maintain Virtual Office Etiquette; Dress Appropriately; Understand and Develop Team Work; Filter Your Speech as well as Make Friendlier Employee Onboarding.

Basic Rule for Introductions
The proper order for introductions as follows:
- Woman to Man
- Senior to Junior
- Older to Younger
- Individual to Group

Conclusion
Ensure to be not just polite at workplace, stand out with excellent workplace human relations, etiquette and protocols. Never forget the words of Buck Rodgers, Former VP of Marketing at IBM, "The way you dress affects the way you are perceived, and the way you are perceived, is the way you are treated."

VANDALISM
WITHIN ABUJA REGION

By Stella Ejikonye

The Transmission Company of Nigeria (TCN) has deplored the rising cases of attacks on power infrastructure nationwide, which has cost TCN millions of Naira to replace and restore, money that could have been better invested in the transmission network for the benefit of Nigerians. The Company has continued to appeal for more vigilance and support from security agencies, local vigilante groups and host communities as well as state Governments to protect power installations and tackle the vandalism menace. Besides, there is grave danger inherent in vandalism of power installations, as it could result in loss of lives and properties, amongst others.

TCN Regions all over the country have within the last one year experienced several attacks on power installations that resulted in the tripping of transmission lines, thus affecting the grid.

In the Abuja Sub-region, for instance, incessant tripping of 330kV and 132kV transmission lines were traced to the activities of vandals who short circuit transmission lines and cart away aluminum conductors. In 2019, between the months of October to December alone, five major acts of vandalism were recorded on the 330kV and 132kV transmission lines, as follow:-

a) On 31st October, 2019, the 330kV Shiroro - Katampe Circuit (R4B), Shiroro - Gwagwalada Circuits (R5G) and Lokoja – Gwagwalada Circuits L6G and L7G tripped, leading to loss of supply to Abuja. The TCN maintenance crew later discovered that the line was vandalized and the vandals short- circuited the red phase 330kv Shiroro - Katampe line around Dikko in Niger State and carted away 600 meters of 350mm aluminum conductor between towers T231- T233.

b) On 15th November 2019, all the 330kV circuits within Abuja tripped again, and this was traced to the activities of vandals on the 330kV Shiroro - Gwagwalada circuit (R5G), between tower T245 - T246 at Babban Tunga settlement behind Royal Ceramics Factory, along Kaduna Road; 500 meters of aluminum conductor were reported stolen.

A vandalised tower

c) On 30th November, 2019, Abuja lost supply from the grid when vandals struck again on the 330kV Lokoja – Gwagwalada circuit L7G between T330 - T332.

d) The Kubwa - Suleja 132kV line tripped on distance relay protection, red phase on 22nd December, 2019, and the sub-region lines crew on inspection discovered that the line was short circuited at tower T18 while the aluminum conductor between towers T16-T18 were stolen.

e) Six days later, on 28th December, 2019, the 33kV Shiroro – Gwagwalada Circuit R5G tripped on red phase – earth distance protection relay indication. Investigations revealed that the conductor had been vandalized, between towers T231 and T233.

These acts of vandalism have continued unabated. In 2020, in Abuja Sub- Region, several tripping had equally been traced to the activities of vandals. On 4th June, 2020 the 330kV Gwagwalada - Katampe LN (R5G) tripped on dist-port with O/C during clear weather and was restored on the 7th of June, 2020. Two days later on 9th June, 2020, the region recorded 3No tripping of the same line. On 17th and 19th June, 2020, the same line again recorded 6No tripping at the Gwagwalada end which was restored on the 26th June, 2020. All these trippings were connected with the activities of vandals.

TCN recorded vandalism around Suleja, Dikko, Babatunga, Gauraka/Jibi, Tungamaje, Kwali and Abuja on 330kV transmission line from Shiroro and Lokoja.

It is important to note that vandalism of power equipment obstructs power supply and leads to loss of revenue generation to both TCN and DisCos.

A total of 236km of this section of transmission line was vandalized this year and the following transmission lines were affected. In Abuja Region alone:

a. Shiroro – Katampe DC 330kV transmission line
b. Shiroro - Gwagwalada Tee off DC line
c. Ajaokuta - Gwagwalada DC 330kV transmission line

An attempted act of vandalism on Gwagwalada - Kukwaba transmission line was averted by some residents of the area.

TCN is collaborating with the security agencies and Local Government Councils to check these incessant acts of vandalism. The involvement of community vigilante groups and security agencies to carry out daily surveillance of the facilities is critical to enable TCN concentrate on upgrading the national grid.

Abuja Region is not alone in vandalism cases; other regions of TCN have also recorded several cases of equipment vandalism in the last six months including Enugu region, Lagos Region, Kano Region, among others.

A vandalised tower

Continued in the next edition

TCN CONGRATULATES NAPTIN DG AS FELLOW, CHARTERED INSTITUTE OF PERSONNEL MANAGEMENT

The Management of Transmission Company of Nigeria (TCN), has congratulated the Director General of the National Power Training Institute of Nigeria (NAPTIN), Mr. Ahmed Bolaji Nagode, on his conferment as Fellow of the Chartered Institute of Personnel Management (FCIPM).

The Ag. Managing Director and Chief Executive Officer of TCN, Engr. Sule Abdulaziz, described the honour as a well-deserved recognition for hard work and determination to make the difference in service to the nation.

He lauded Engr. Nagode's sterling performance and achievements over the years which he said, earned NAPTIN recognition and certification as a Training Centre of Excellence by the West African Power Pool (WAPP).

DG, NAPTIN, Mr. Ahmed Bolaji Nagode

NAPTIN TO DEVELOP TECHNICAL TRAINING FOR NIGERIA POWER SECTOR STAKEHOLDERS

The National Power Training Institute of Nigeria (NAPTIN), has proposed a training programme for technical staff of the Federal Ministry of Power and other power sector stakeholders, to enhance performance in the sector.

The proposal was part of the 50-points communique issued at the end of a three-day retreat for Management of NAPTIN which held from Thursday, 15th July 2021 at Mararaba, Nasarawa State, with the theme: "Streamlining Key Processes and Procedures in the Work Place for Better Efficiency, Accountability & Productivity".

The communique stated the need for continuous stakeholder's engagement and called on the management to review the impact of the retreat in line with the goals of NAPTIN.

Speaking at the occasion, the Director General of NAPTIN Mr Ahmed Bolaji Nagode, charged the participants to endeavor to implement all they learnt at the Retreat in their daily operations in other to move the institute to greater height.

PICTURE PAGE

Ag. MD/CEO, TCN Engr. Dr. Sule Ahmed Abdulaziz, represented by ED TSP, Engr. Victor Adewumi, declared open, the 2nd batch for the two-week training program for 708 maintenance engineers in TCN, sponsored by the World Bank.

National Engineering Infrastructure Summit, themed “Towards a Sustainable Infrastructure Development, Maintenance and Management in Nigeria

Panel of Discussants on the topic" Government Role in the Development of Infrastructure in Nigeria" during the National Engineering Infrastructure Summit on Thursday, 15th July 2021, in Abuja.

FEEDBACK PAGE