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# NEWSLETTER

## TRANSMISSION COMPANY OF NIGERIA (TCN)



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## FASHOLA PRESENTS PERFORMANCE SCORE CARD AT BOOK LAUNCH

By Kazah Bili Akau

The Minister of Power, Works and Housing, Babatunde Raji Fashola, has presented a three-year score card at a book launch depicting the performance of the ministry in the past three and a half years titled "Proof of Infrastructure Delivery Across Nigeria".

Fashola, who presented the ministry's achievement at his validatory session, recalled that he had earlier set short-term objectives for each sector in the ministry during his inaugural meeting four-years ago. For the Power sub-sector, the short term goal was incremental power, adding that records show that this was achieved.

For the Works sub-sector, the short term goal was to recover all abandoned construction jobs that were lost and bring construction companies back to work, while for the Housing Sub-sector it was to get artisans, construction workers back to work as well as restore

dilapidated buildings nationwide.

The minister further said that the focus of the ministry now was on aggressive implementation of the Federal Executive Council's (FEC) directive on national maintenance which he said would start with offices in Abuja and then in other parts of the country, to improve the value of government assets nationwide.

Fashola also noted that the ministry was mindful of global extreme weather changes and was making adequate preparations for the raining season.

The Minister of Information and Culture, Mr. Lai Mohammed, who was the Guest of Honour at the book launch, gave thumbs up to his colleague in the Ministry of Power, Works and Housing, saying that his job as the Minister of Information had been made easier by the Ministry of Power, Works and Housing who had consistently given him things to

say about this administration's achievements".

He said he was not tired of telling the world that when this administration came in, power generation was about 4000MW, even though power had been privatized, the administration intervened by providing a N701 billion guarantee to ensure that power was generated and paid for.

He added that for first time in the history of Nigeria, power generation went up to more than 7000MW and distribution from a mere 2652MW to 5000MW while transmission went up to 8,100MW. These he said, gave him enough material to propagate the work of this administration. Lai Mohammed commended Fashola's commitment towards the achievement of the administration's objectives.

Senate Committee Chairman on Works, Sen. Kabiru Gaya, who

was also present at the occasion lauded the Minister of Power, Works and Housing and his team for having accomplished so much in three and a half years.

He commended the President of the Federal Republic of Nigeria, Muhammadu Buhari, for increasing the budgetary demands of the ministry by more than 100% as well as the commitment of the minister in completing projects abandoned for a long time.

The book, "Proof of Infrastructure Delivery Across Nigeria", is a three-year special report of the Federal Ministry of Power, Works and Housing which gives a performance perspective on the delivery of Mr. President's mandate by the Ministry of Power, Works and Housing supervised by the Ministry's Ministers; Mr. Babatunde Fashola SAN, Hon. Mustapha Baba Shehuri and Sur. Sulaiman Zarma Hassan.

The book was forwarded by the former Head of State of Nigeria, Gen. Abdulsalami Abubakar, and reviewed by a renowned Journalist, Mr. Taiwo Obe.



Minister of Power, Works and Housing, Babatunde Raji Fashola during his presentation



[f/UsefulGen](#)

**Life is the toughest school. You never know what class you are in, what exam you'll have next & you can't cheat because nobody else has the same question paper.!!**

# TCN INAUGURATES WAPP NORTH CORE IMPLEMENTATION UNIT

By Stella Ejikonye

The Transmission Company of Nigeria (TCN) has inaugurated the Implementation Unit for the WAPP North Core interconnection, connecting Nigeria - Niger - Benin/Togo - Burkina Faso 330kV double circuit lines, at its Corporate Headquarters in Abuja.

North Core project is an international transmission line that has been designed to pass through Nigeria to the above listed WAPP member countries. Its objective is to improve cross border electricity trading to enable these countries procure cheap and reliable power supply from Nigeria for the socio-economic development of their people.

The North Core Project team leader and the Project Director, Engr. Melele Djibril Amadon, applauded TCN Management for their robust support towards the actualization of the project as approved by the Nigeria government and WAPP. He declared the team's readiness towards implementation, speedy execution and delivery of the project, saying that the team is constituted of well qualified officers from different professions.

The challenge before them, he noted, is the signing of financial agreement documents, which have already been approved by the Nigeria Federal Executive Council, the Ministry of Finance and Attorney General of Nigeria. He stated that the assignment will however commence while they await the signing of the documents.

Engr. Melele, further informed TCN management that they were in the process of setting up office, procuring vehicles and other logistics with the intention of commencing full operations in June, 2019. He requested for

additional staff from TCN, especially female staff for gender balance.

He further disclosed that the pre-qualification for the bid document would take effect by November/December this year, adding that the coordination of the project and funds would be closely monitored by the project's budget and technical personnel under AFD and TCN, and assured of a very cordial relationship amongst all stakeholders for seamless project execution.

Responding, the MD/CEO of TCN, Mr. Gur Mohammed, said that TCN is indeed overwhelmed to have the project team operate from Nigeria, as this would bring with it economic benefits to the nation as the host country. The project, he said, would also provide other WAPP member countries opportunities to acquire knowledge on 330kV projects from experienced Nigeria engineers, and urged them to tap into the wealth of experience of TCN staff for professional advice and assistance where necessary.

The Head, TSP and Head, ISO Engr. Victor Adewumi and Engr. Mamman Lawal respectively, appreciated the apparent zeal of the North Core project team to implement, execute and deliver the project in due time. They emphasized the fact that TCN engineers are quite experienced in the execution of 330kV transmission lines and urged the team not to hesitate in seeking assistance where and when necessary.



Group photograph of participants after the meeting

In attendance were Engr. O. Ganiyu, TCN Projects Coordinator, Engr. Jane Okemini, Coordinator, Project Implementation Unit (PIU), Barr. Dodo, ED (HR & CS), Barr. Lawan, GM (Legal & Company Secretary, Mrs. Ndidi Mbah, GM (Public Affairs) and a host of others.

# EDOZIEN CALLS ON POWER UTILITIES OF TOGO AND BENIN REPUBLIC TO SIGN PPA WITH POWER OPERATORS IN NIGERIA

By Kazah Bili Akau



(L-R), Perm. Sec. (Power), FMPWH, Mr. Louis Edozien and MD/CEO TCN, Mr. Usman Gur Mohammed during the meeting

The Permanent Secretary, Power of the Federal Ministry of Power, Works and Housing, Mr. Louis Edozien, has insisted that the power utilities of the Republics of Togo and Benin sign power purchase agreements in order to sustain power supply delivery from Nigeria.

Mr. Edozien made this position known during a meeting with Communaute Electrique Du Benin (CEB), to ascertain the status of payments and debt settlement plan for the Nigerian Electricity Market (NEM), held at the TCN Headquarters in Abuja.

The Permanent Secretary said that the current arrangements in Nigeria's Electricity Supply Industry (NESI) require energy deliveries to be under a Power Purchase Agreement (PPA), and requested to know when the parties involved will execute the PPA.

He therefore insisted that all payments be made before a PPA arrangement is put in place.

On the proposal for settlement of the debt, presented by CEB, for electricity supplied by TCN to power utilities in both Togo and Benin Republic, Edozien endorsed CEB's request to pay the first instalment within three weeks but turned down the offer to pay the balance in 24 months.

The Managing Director of TCN, Usman Gur Mohammed, while making his opening remark at the meeting gave a background of the business relationship between TCN and CEB over the years, and noted that CEB had defaulted on payments of electricity supplied over time thereby resulting in the huge debt.

He disclosed that in a prior meeting, it was agreed that CEB would liquidate all the debt owed the

Nigeria electricity market before November 2018, to usher in new transactions with the privatized generation companies, but the payments were not made.

While agreeing with the Permanent Secretary, Mr Mohammed said an agreement had been reached with CEB and SBEE to go into bi-lateral agreement with power operators to purchase power directly from the power generator, but that also failed.

He said the combined effect of the gridlock in arriving at a settlement pressured TCN to set its relays to knockoff the additional approved 50MW power supply to the two countries, thereby reducing power supply from 310MW to 260MW.

The TCN MD further said that CEB was served disconnection notice earlier in 2019 for non payment for power supplied, which stood at about \$80million.

The Director General of CEB, Chabi Sika Karimou, commended the Nigerian Government for its patience and further requested for an extension of the time for them to make payments. Karimou, who also agreed with the position of Mr Louis Edozien on PPA and assured that when all payments have been made, the debt situation will not repeat itself.



A cross section of participants at the meeting

# INSURGENTS ATTACK MOLAI SUBSTATION MAIDUGURI

**T**CN's 330/132kV transmission substation at Molai in Maiduguri, Borno State was attacked by insurgents on the 7th of May, 2019, at about 5:30pm.

During the attack, 2 No Post Isolators Porcelain units were affected, the cracks were however not too deep as to affect supply to the substation. Two Hilux vans and one vehicle belonging to a staff of TCN were destroyed while insurgents made away with the third Hilux Van. Other items

transmission lines from the substation and shutting down the station before quickly leaving the substation just before the insurgents reached the substation". After the incident, TCN engineers did a thorough check of the substation equipment before restoration on Wednesday 8th May 2019 at 9.31Hrs.

Mr. Mohammed equally commended efforts of security operatives who have continued to make it possible for TCN

25th, 2018 and was also formally commissioned Wednesday, 13th February, 2019. The substation comprises 150MVA and 60MVA power transformers which feed Yola Disco customers in Maiduguri and environs. The Molai Substation had experienced attacks by insurgents in the past but this has not deterred TCN from ensuring that power is supplied to Maiduguri.

Mr. Mohammed reiterated the company's commitment to



destroyed include hiab truck, computer, monitor and printer in the control room. The windows of the Control Room and staff house were also shattered by gun shots.

The MD/CEO Mr. Usman Gur Mohammed commended the operator on duty who took quick and proactive steps to safeguard TCN equipment. According to him, "the operator on duty did exceptionally well by opening the

operators to run the substation and appealed that more of them should be deployed to the area, to further boost the morale of workers who have been unrelenting in ensuring that electricity supply is sustained in Maiduguri and environs despite the risks.

The 330/132/33kV Molai Transmission Substation was completed and energized October

implementing the Transmission Rehabilitation and Expansion Program under which some level of investment and consequently stability has been achieved. He noted that to completely stabilize and modernize the grid, Nigeria must complete the on-going investment in grid expansion & rehabilitation, establish adequate spinning reserve and install well-functioning SCADA.

# NERC SEEKS RESOLUTION OF CHALLENGES BETWEEN TCN AND DISCOS

By Eric Ene Ephraim



(R-L), MD/CEO TCN, Mr. Usman Gur Mohammed, Head ISO, Engr. M. j. Lawal and Head TSP, Engr. Victor Adewunmi

The Nigerian Electricity Regulatory Commission (NERC) has started the process of reviewing and addressing the interface challenges between Transmissions Company of Nigeria (TCN) and the eleven Electricity Distribution Companies (DISCOS), in an effort to streamline the power sector in Nigeria.

This development was part of the 12 point communique issued at the end of the 4th Meeting of the Nigerian Electricity Regulatory Commission with Nigerian Electricity Supply Industry (NESI) stakeholders on Monday, 6th May 2019, in Lagos.

The communique signed by Chairman of NERC, Prof. James Momoh, noted that stakeholders welcomed and were in agreement with the presentation of NERC on the review and findings related to addressing interface challenges and bottlenecks arising from submissions and interactive sessions between the Commission, TCN and the DISCO on the matter.

It stated that representatives of DISCOS and TCN had the opportunity to provide additional clarity on the content from their respective submissions as reviewed by NERC, as well as affirmed their indicated deliverables, projects to be completed, costs and timelines that they have undertaken to meet and achieve the objective.

The communique acknowledged 25 identified general areas of bottlenecks such as distribution line limitation and construction of towers, load limitations. Reconfiguration and upgrade of feeders to harvest more Megawatts from DISCOS networks and improve wheeling capacity, revenue improvement, poor invoice payment by DISCOS to the market and lack of adequate investments by DISCOS to meet much needed changes and improvements in the networks among others.

According to the communique, the following were recognized as quick fixes;

\*Low hanging fruits through investments by both DISCOS and TCN to improve stability, eliminate load rejection, improve availability of supply, store up revenue for the sector, facilitate additional power to the end-user, win back customer confidence, encourage more investors and ultimately rejuvenate economic

development.

\*Medium and long term investments needed to increase capacity and improve stability, allow for flexibility and reliability of supply.

\*Poor remittance and unwholesome practices by parties need to be addressed. Efficiency and a sense of responsibility towards national over personal corporate/individual interests have to be curbed. More collaboration and effective/transparent communication has been lacking and must be sustainably forged.

The communique also stated that the Commission has constituted a committee on interface challenge assessment comprising staff of the NERC Internal Tactical Unit and other staff of the commission to closely monitor, follow up on implementation and enforce all agreements reached with DISCOS, TCN and other stakeholders on identified DISCOS/TCN interface challenges following formal ratification by NERC report.

Earlier in his opening remarks, the Chairman of NERC, Prof. James Momoh, indicated that the main purpose of the 4th Stakeholder Meeting was the issue of transmission interface challenges with Distribution Companies and the implementation of a framework to address these challenges in the shortest possible time.

# ONDO STATE COLLABORATES WITH TCN FOR BULK ELECTRICITY TO BOOST INDUSTRIAL AND SOCIO-ECONOMIC ACTIVITIES IN THE STATE

By Stella Ejikonye

The Ondo State Governor, His Excellency, Chief Rotimi Akeredolu, recently visited the management of Transmission Company of Nigeria (TCN), to request areas of collaboration with TCN in order to improve bulk electricity supply for socio-economic development in the state.

Speaking at the meeting, Governor Akeredolu, said his visit was to consolidate the earlier meeting of his Deputy, Mr. Agboola Ajayi, with TCN management over improving power supply in the state. He stated that poor power supply has negatively affected socio-economic activities in the state and lamented that his people have suffered in penury, even as investors are opting to leave the state due to inadequate power supply.

He requested TCN's immediate intervention and support, and urged TCN to consider siting more substations in the state to

boost bulk power supply. He further said that the Omotosho plant which is sited in the state ought to be an advantage for relatively improved power supply. Chief Akeredolu requested to know how the new policy on eligible customers would be of advantage to companies in the state. The investors, he said, were ready to pay for energy consumed to enable effective and efficient operations, adding that industrial development and socio-economic activities remain his watch words for his people.

The Governor further explained that the state was seriously having challenges with the Benin Electricity Distribution Company (BEDC), over poor power supply. He pleaded with the management to connect Owo to Akure - Ewode 330kV Substation in order to improve power supply in the southern part of the state. He applauded TCN's effort so far and encouraged the company not to relent as there is need for more work to be done to further expand

the grid.

Responding to the Governor's requests, Mr. Mohammed informed him of TCN's willingness to collaborate with Ondo State Government by connecting companies consuming above 2MW under the eligible customers policy. He noted that TCN has collaborated with other state governments to improve power supply in their states and requested the Governor's support in securing Right of Way to facilitate the execution of projects.

The MD disclosed that TCN has commenced the installation of two brand new 330kV substations at Owo and Okitikpukpa and that on completion, these would improve supply in the state. TCN is also upgrading to quad line the transmission line from Omotosho plant, as well as constructing a new 330kV substation in Akure which when completed would also boost supply in Ondo State.



A cross section of participants at the meeting

# OBIANO ADVOCATES FOR MORE ELECTRICITY TO TRANSFORM ANAMBRA STATE INTO A HUB FOR ECONOMIC AND COMMERCIAL ACTIVITIES

By Egbase Joy

One of the critical issues in Anambra State is how to ensure increase in power supply which is fundamental to creating a business-friendly environment where indigenes and non-indigenes can have opportunities for wealth creation.



Group photograph of participants after the meeting

His Excellency, the Executive Governor of Anambra State, Chief Willie Obiano, made this known when the Permanent Secretary, (Power), Ministry of Power, Works and Housing, Louis Edozien, represented by Director of Transmission, Emmanuel Nosike and the Managing Director of the Transmission Company of Nigeria (TCN), Mr. Usman Mohammed, paid him a courtesy visit on Tuesday, 2nd May 2019, at the Government House, Awka.

The Governor commended the Permanent Secretary and TCN team for the visit, and said that Anambra State had become a one-stop shop for investors, and that this was confirmed in a recent publication by the Federal Government which revealed that the state came from the bottom to being number five in ease of doing business in Nigeria.

He disclosed that the future of Anambra State lies in the North Senatorial District which has a lot of resources, promising up-coming companies, including oil and gas and a proposed airport. The Governor however said that the challenge of the area was lack of electricity supply, stating that he would do everything in his power to increase power supply in the area, and in the state generally. He noted that he had put together competent people as members of the power committee and expressed the hope that with the TCN team working together to solve the power challenge in the state, Anambra State would in no time be the light of the nation.

He called on the MD/CEO of TCN to investigate the non-completion of the 132/33kV substation at Ifitedunu, which was awarded to MBH Power Limited. According to him, the completion of the substation would enable the delivery of more power through the 132kV transmission line from Onitsha.

The Permanent Secretary (Power), Louis Edozien,

represented by the Director Transmission, Engr. Emmanuel Nosike promised the Governor that the ministry in conjunction with TCN would do everything necessary to find solution to the epileptic electricity situation in the state. He noted that with adequate electricity supply in Anambra State, places like Onitsha, Nnewi and industrial centres will have more energy to work with, businesses will thrive and poverty will be reduced.

The Managing Director of TCN, Usman Mohammed lauded the efforts of Willie Obiano in getting things done in the state. He disclosed that in an effort to make electricity available in the country, the Transmission Company of Nigeria (TCN) was working with state governments to sort out Right of Way (RoW) issues which usually frustrates projects implementation. He appealed to the governor to assist TCN in resolving the Right of Way challenge along Nnobi axis, adding that TCN also needs support in acquiring land beside existing GCM Power Transmission Substation, to enable it increase its capacity with additional 60MVA and 100MVA 132/33kV power transformers.

The Governor who said he had been looking forward to the meeting, consented to TCN's requests, stating that he would meet with the Igwe, the Chairman of the Power Committee, the Secretary to the State Government, and Commissioner for lands to strategize on how to facilitate the acquisition of land and resolution of RoW issues to enable TCN fast track projects implementation.

## EBONYI STATE GOVERNOR APPEALS FOR TRANSMISSION FACILITIES UPGRADE

By Grace Sambe-Jauro



(L-R), The Governor of Ebonyi State, Mr. David Nweze Umahi, MD/CEO TCN, Mr. Usman Gur Mohammed, and Perm Sec. (Power) FMPWH, Mr. Louis Edozien during the meeting

**T**he Governor of Ebonyi State has appealed to the Federal Ministry of Power, Works, and Housing and the Management of the Transmission Company of Nigeria (TCN), to upgrade and expand transmission infrastructure and facilities within the state.

The Governor of Ebonyi State, Mr. David Nweze Umahi made this appeal during a meeting with the Permanent Secretary (Power), Ministry of Power, Works and Housing, Mr. Louis Edozien, and TCN Management at the TCN Corporate Headquarters, on Wednesday, 24th April 2019 in Abuja.

Governor Umahi who described power supply in Ebonyi State as terrible, said that almost all social and economic activities within the state had been paralyzed by worsening power situation.

According to him, his administration is currently building industrial clusters, teaching hospital, shopping malls and markets which he hopes will attract investors, to boost economic activities in the state. He however lamented that irregular power supply is a threat to the viability of these projects and their development in the state.

Mr. Umahi further explained that presently, the state uses about 3MW of power for street lights and other facilities within the state, powered by a generator and that it is a challenge and very expensive to maintain.

Responding, the Permanent Secretary (Power), Mr. Edozien stated that a team from the Ministry will visit the state to know the locations and capacity of some of the on-going projects, to determine whether the construction of Mini Grids will be more suitable in ensuring adequate power supply in specific areas. He urged the governor to facilitate the acquisition of Right of Way (RoW) and assured him of his commitment to ensure that the power projects requested become a reality very soon.

On his part, the TCN MD/CEO Mr. Usman Gur Mohammed also assured the governor that work is on-going to complete the Amasiri Substation, and that a 330kV line will connect Amasari to Abakaliki, adding that a team will be on ground to tackle issues of Right of Way between Amasari and Abakaliki with the assistance of the governor, to hasten the completion of the projects.



Cross section of participants at the meeting

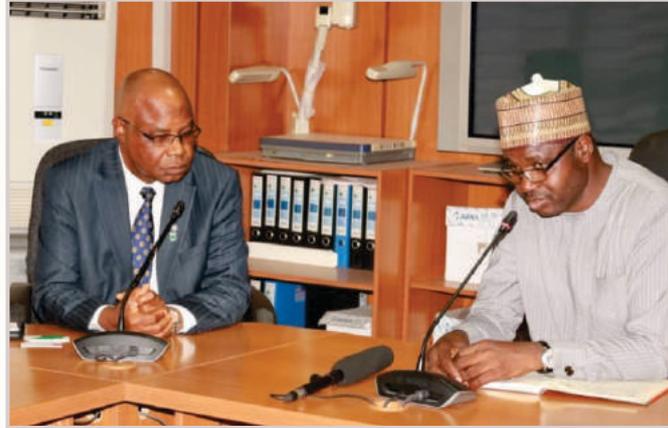
# ICAN

## PAYS COURTESY VISIT TO TCN MANAGEMENT

By Gabriel Gandu

The incoming President of the Institute of Chartered Accountants of Nigeria (ICAN), Mazi Nnamdi Okwadigbo paid a courtesy call on the MD/CEO, Transmission Company of Nigeria (TCN), Usman Gur Mohammed and management of TCN recently at the company's Headquarters. He commended TCN for the recent milestone achievements in the power sector and also expressed appreciation to the management for supporting accountants in the organization.

Mr. Okwadigbo, lauded the efforts of the MD/CEO, TCN, his steadfastness and vast knowledge of the power sector, despite being a chartered accountant. He opined that with all ongoing investments in the sector, he was confident that the nation's economy would definitely have a boost, since the power sector is key to economic growth and development of any nation.



(L-R), The incoming President of ICAN, Mazi Nnamdi Okwadigbo and MD/CEO TCN, Mr. Usman Gur Mohammed during the meeting

He commended members of ICAN in TCN for their dedication and enthusiasm, and sought a good working relationship between TCN and the institute. He also urged all members to attend the upcoming ICAN conference in June 2019.

In his response, Mr. Mohammed, who is also a Fellow of the institute, commended the incoming president of ICAN and added that TCN like ICAN is guided by principles of integrity and accountability to create the needed changes in the power

sector.

Mohammed cited milestones TCN had achieved in the past two years, noting that under his watch, the organization has been able to install more transmission equipment with the use of TCN in-house engineers than ever before, recovered 730 containers in the port out of 800 that were stranded for over 15 years, and also

achieved a frequency control of 49.8 and 50.2 Hz for 65% of the time from February 2017 to December, 2018 which has never happened in the history of Nigeria.

According to him, TCN is focused on delivering a smart transmission grid, adding that the organization had secured the sum of \$1.6 billion dollars from multilateral donor agencies for the implementation of its Transmission, Rehabilitation and Expansion Programme (TREP).



A group photograph of participants after the meeting



# TRANSMISSION COMPANY OF NIGERIA (TCN)

*The entire management  
and staff of*  
**TRANSMISSION COMPANY  
OF NIGERIA (TCN)**

*wish to*  
***Congratulate***

*His Excellency*  
**Muhammadu Buhari, GCFR**  
on the inauguration of your 2nd term as  
**PRESIDENT**  
Federal Republic of Nigeria.



## ACHIEVEMENTS: FEBRUARY 2017 TO DATE

- Produced 20-Year Least Cost Transmission Expansion Plan for Transmission Expansion
- Established the Transmission Rehabilitation and Expansion Program which attracted over \$1.6 Billion from Multilateral Donors
- Expanded the Transmission Capacity from 5,000MW in January 2017 to 8,100MW in December 2018
- Evacuated 738 out of 800 containers with power equipment stranded in the ports sometimes more than 10 Years.
- Installed more than 40 power transformers across the country using in-house capacity
- Achieved Frequency Control of 49.50-50.50Hz May 2017-November 2018 and 49.20-50.20Hz (66%) from December 23, 2017 to May 5, 2019-The Best ever in Nigerian History.
- Procured competitively 260MW Spinning Reserve awaiting NERC approval since December 2018.
- Established collaboration with several state governments for ROW and Capacity Expansion

## TCN PLANS FOR THE NEXT LEVEL

- Completely stabilize the National grid and put N - 1 Redundancy Criterion across the country
- Procure and establish functional SCADA/EMS/ Telecoms across the Grid
- Commence the implementation of 2<sup>nd</sup> phase of Transmission Rehabilitation and Expansion Program.

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

# Finnish Ambassador urges TCN to Embark on Next Generation Asset Management System

By Grace Sambe-Jauro

**T**he Government of Finland has urged the Management of the Transmission Company of Nigeria (TCN), to embark on Digitalised and Automated Inspection and Asset Management Solution in her grid operations.

flights are completed, secure and reliable data analysis is automated and augmented by best-in-class software tools for assessment.

At the end of the presentation, Provendia Africa



(Left), TCN Management team, (Right), and representative of Finnish Ambassador and chairman of Provendia Africa



Group photograph of participants after the meeting

The Finnish Ambassador Ms. Pirjo Suomela-Chowdhury who was represented by Ms. Suvi Laasko, in company of the Chairman Provendia Africa Mr. Marcos Lonka, made the call during a meeting held with TCN management on Thursday, 16th May 2019, in Abuja. They explained that the digital and automated program would advance fault detection and fault clearing, thereby reducing down-time in grid operation.

In a brief presentation to TCN Management, Chairman of Provendia Africa Mr. Marcos Lonka, recommended the consolidated linear data collection (Helicopter), explaining that the consolidated linear inspections capture simultaneously a range of useful data types in a single flight with Helioscope 2.0 (Helicopter), and multi-sensor payload. The presentation further revealed that drones can also be used for detection of faulty lines located in bushy areas that will take hours to access with cars, adding that after the

proposed a trial service where TCN would allocate a line area for Provendia to use its drone and helicopter to collect data. They recommended that TCN use the service on the transmission line maximum need.

In his response the MD/CEO of TCN, Mr. Usman Gur Mohammed, stated that TCN was working on putting it's network on GIS system. He assured them that TCN's System Planning, Research and Development department will study their proposal. He commended the Finnish authorities for ensuring a continuous bilateral relationship between Nigeria and Finland and further encouraged the Finnish companies to participate in the on-going competitive bidding processes in TCN geared towards the implementation of the Transmission, Rehabilitation and Expansion programme funded by donor agencies.

# PHOTO PAGE



MD/CEO TCN, Mr. Usman Gur Mohammed, along with Head TSP, Engr. Victor Adewunmi and Head ISO, Engr. M. J Lawal, addressing a press conference on the recent system disturbances in the National Grid at the TCN Headquarters, on 10th May, 2019



Graduation ceremony of the Advance Defence Intelligent Officers Course on Effective Power Production & Delivery as a Catalyst for Nigeria's National Development presided over by Chief of Defence Intelligence, Air Vice MS Usman with MD/CEO TCN, U.G Mohammed in attendance



TCN Management team led by MD/CEO, Mr. Usman Gur Mohammed, paid a courtesy visit on his Excellency, Executive Governor of Kano State, Abdullahi Umar Ganduje at the Kano State Liason Office, Abuja on 14th May, 2019



MD/CEO TCN, Mr. Usman Gur Mohammed and other Management Team along with Enugu Transmission Region Managers inspecting the 132/33kV New Heaven Transmission Substation, Enugu State on 3rd May, 2019

# ACHIEVEMENTS

## *Highlights of some major achievements within the month as TCN continues to implement its Transmission Rehabilitation and Expansion Programme*

- (i) New Transmission Substation at Ekim with installed capacity of 60MVA 132/33kV and with three Outgoing Feeders was constructed and energized in-house by TCN engineers.
  - (ii) Commenced in-house installation of 2x60MVA at the proposed Walalambe Substation in Kano State
  - (iii) Newly installed T1 60MVA 132/33kV Transformer at the new Molai 330/132/33kV T/S was energized.
  - (iv) Newly installed 40MVA 132/33KV Mobile Transformer Substation at Benin T/S was energized.
  - (v) Installation of 2No. Energy Check Meters on the KAM 33kV Feeder and KAM 132kV Lines was completed at Ganmo T/S
  - (vi) Installation of NARI, PCS9611 relay on Refinery II 33kV Feeder at Effurun T/S was completed.
  - (vii) Newly constructed Otta/Papalanto 132kV Double Circuit (DC) Line was energized with KONCAR Transformer T4 60MVA 132/33kV at Otta TS.
  - (ix) Restringing of snapped conductor on Benin/Omotosho/Egbin 330kV Line from T434-437 was carried out.
  - (x) Rehabilitation of vandalized and collapsed Towers on Delta/Benin 330kV G3B Line was carried out.
  - (xi) Newly installed 3No. 132kV CTs on Ijora/Akangba Line at Akangba T/S was completed and energized.
- Routine line trace and equipment maintenance was carried out in all regions within the month, as well as the replacement of circuit breakers.

**WE ARE ALL FACED WITH OPPORTUNITIES  
BRILLIANTLY DISGUISED AS  
IMPOSSIBLE SITUATIONS**

# BUILD YOUR CAPACITY

*Expanding ones capacity means being able to do things one is not able to do or handle . . . There are different ways in which one can expand his/her capacity which are;*

## 1] Take a new challenge-

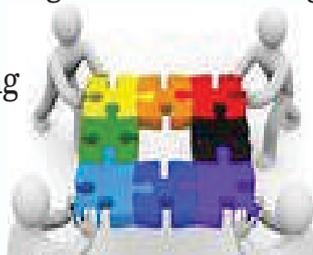
Expanding your capacity is like weight lifting. One needs to move to the next level and lift something heavier. It will feel difficult at first, but overtime it becomes easy. Same thing to expand your capacity you must take new challenges beyond your comfort zone. Work on something you are not comfortable with.



## 2] Make sure it's exciting-

When you are looking for a challenge to take, make sure that it's something you are excited about. Working on something that's not exciting feels like a chore.

If one works on something exciting the work feel effortless.



## 3] Make it fun-

Thinking of a challenge as a game should be made exciting. It makes it easier to handle failure.

Rather than discouraging oneself, they should be motivated to increase more playing skills.



## 4) Focus-

If the challenge is beyond your comfort zone, as it should be, then it will not be easy.

You need to focus your heart and mind on it.

Do not spread yourself too thin. Do not try to do too many things at once.

That's a sure recipe for failure .



## 5] Invest-

People are willing to take challenges but find it difficult to invest their time and money in it.

But if it's a worthy challenge then it's worth your time and money.

There's no reason not to invest



# PRESS RELEASE

## UNLAWFUL PICKETING OF THE TRANSMISSION COMPANY OF NIGERIA (TCN) BY THE TRADE UNION CONGRESS (TUC) AND NATIONAL CHAPTER OF SENIOR STAFF ASSOCIATION OF ELECTRICITY AND ALLIED COMPANIES (SSAEAC) IN FLAGRANT DISREGARD OF AN ORDER OF COURT ISSUED BY THE NATIONAL INDUSTRIAL COURT OF NIGERIA.

Sequel to the press release by TCN on May 12, 2019 and a court order issued by the National Industrial Court of Nigeria in Suit No. NICN/ABJ/121/2019 upon application by TCN and duly served on the parties, the Trade Union Congress (TUC) picketed the Corporate Headquarters of TCN on the morning of 14th May, 2019, in flagrant and brazen disregard of the court order.

Speaking on the court order, the General Manager (Legal/Company Secretary) Mrs. Fatima Lawan stated that the Court specifically restrained the defendants in the suit (SSAEAC and TUC) 'from picketing or any industrial action, or further industrial action against the claimant pending the hearing and determination of the Motion on Notice'. The contemptuous picketing of the TCN CHQs office by the TUC and SSAEC is an affront on the authority of the Court.

The unlawful picketing by SSAEAC and TUC was violent as some staff of TCN were grievously injured by SSAEAC and TUC members and are currently receiving medical attention.

It will be recalled that TUC was misled by Comrade Chris Okonkwo, current President of the Senior

Staff Association of Electricity and Allied Companies (SSAEAC) to serve notice of picketing on the company on the flimsy excuse that there is no industrial harmony in the Company. However, real motive of the SSAEAC President is to settle scores with the TCN branch of his union, having lost the support of TCN staff in his misguided bid to use the Association to advance his selfish interest.

Comrade Okonkwo lost the support of TCN staff after they discovered he mismanaged their superannuation fund and the monthly subscriptions from members of the Association. The TCN Branch of SSAEAC has made this act of misconduct by Okonkwo a subject of investigation by EFCC. Comrade Chris Okonkwo, out of sheer mischief, took the position that the TCN Branch of SSAEAC has the backing of TCN Management in the call for his probe by EFCC.

Management believes that the actions of SSAEAC is an attempt to sabotage the successes recorded by the Company. TCN under the current Management has successfully expanded the capacity of the Grid from 5,000MW, when it took office in February 2017, to 8,100MW in December 2018. It is on record that TCN receives less than

30% of its revenue from the Discos; yet she has been able to attain this unprecedented stride in Grid expansion largely due to staff support. Using in-house capacity, TCN has installed transformers and strung lines with associated transmission system devices in the last two years more than had ever been achieved in the previous 15 years before this administration.

Unlike before, TCN - using in-house capacity - has prepared projects and secured more than \$1.6 Billion from multilateral donors. This is meant to reinforce the network across the nation to N-1 Reliability standards. TCN has also achieved a level of system frequency control never experienced in the nation's history and this was recently commended by West African Power Pool (WAPP). Current TCN management has been promoting staff more than it had ever done before in its history; we are working assiduously to enhance the company's revenue base so we can pay better salary.

Management wants to use this medium to call on staff to please ensure they remain law-abiding amid the unwarranted provocation by Comrade Okonkwo and his sponsors.



# FEEDBACK PAGE

 **TCNNIGERIA (@TCN\_NIGERIA)**  
 14/04/2019, 8:11 PM  
 @MeccaUS @BBoason You are not objective. TCN under this same accountant and Northerner has improved the Grid wheeling capacity from 5500MW to 8100MW. TCN is processing for 10% spinning reserve to stabilize the Grid. Same TCN Management has commissioned over 40 power transformers in 2 years.

 **Yemi Dada (@deyemidada)**  
 29/05/2019, 5:35 PM  
 @qbadeelda @AO1379 Transmission was the initial story which led to a misdiagnosis of the issue. Transmission has been improving at a faster rate than distribution. Check @TCN\_NIGERIA for the reports and you will see that no disco achieves 80% distribution of their myto allocation. Dey reject supply

 **TCNNIGERIA (@TCN\_NIGERIA)**  
 14/04/2019, 8:11 PM  
 @MeccaUS @BBoason You are not objective. TCN under this same accountant and Northerner has improved the Grid wheeling capacity from 5500MW to 8100MW. TCN is processing for 10% spinning reserve to stabilize the Grid. Same TCN Management has commissioned over 40 power transformers in 2 years.

 **TCNNIGERIA (@TCN\_NIGERIA)**  
 14/04/2019, 7:59 PM  
 @BBoason TCN isn't the problem. TCN capacity has grown to 8100MW. Kindly check out TCN-DisCo profile published weekly on @TCN\_NIGERIA for guidance. Thank you.

 **&dy (@anddy\_xyz)**  
 29/04/2019, 9:09 PM  
 @TCN\_NIGERIA @aedcelectricity You guys never cease to surprise us. The heavens sneeze and the power goes off for days. A power station is razed and power is interrupted for just 3 hours

 **TCNNIGERIA (@TCN\_NIGERIA)**  
 29/04/2019, 10:10 PM  
 @anddy\_xyz @aedcelectricity Hello Andy. It's easy to understand cos current TCN Management has been working on boosting substations & lines with redundancies (N-1 status) to ensure that power is transferred to another transformer or line when existing ones have faults. This is providing creative solutions

 **Ogbu Anya**  
 Carry-on with you good work soon power problems will be a thing of the past. 



# TRANSMISSION COMPANY OF NIGERIA (TCN)



*We are committed to the rehabilitation and expansion of grid network for efficient service delivery*

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

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