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FEDERAL MINISTRY OF POWER



27–29 October 2026
Landmark Centre, Lagos

Conference brochure

Conferences@nigeria-energy.com
nigeria-energy.com



Nigeria Energy 2026 is where the sector comes to close that gap

Nigeria's power sector is entering a defining phase, shifting from reform design to measurable performance and delivery. Despite over 13,000 MW of installed capacity, supply averages 4,000–5,000 MW due to grid constraints, gas availability and ongoing commercial challenges.

Recent tariff adjustments and fiscal pressures have increased the urgency of improving reliability, strengthening market liquidity and accelerating execution across federal and state levels. This gap is the reason the event exists and the reason people attend.

13

Editions

40+

Sessions

90+

Speaker

1,500+

Conference delegates

Who attended in 2025?



Who attended in 2025? (Cont.)

Company

Job Title

Federal Ministry of Power, Nigeria	Minister of Power
Lagos State Government	Hon. Commissioner of Energy and Mineral Resources
Oyo State Government	Hon. Commissioner of Energy
Cross River State Government	Hon. Commissioner of Energy
Yobe State Government	Permanent Secretary
Yobe State Government	Hon. Commissioner of Transport & Energy
Nigerian Electricity Regulator Commission	Commissioner/Vice Chairman
Presidency, Nigeria	Special Adviser to the President (Power Infrastructure)
Katsina State Government	Executive Governor
Ministry of Finance Incorporated	Chief Investment Officer
Rural Electrification Agency	MD/CEO
Niger Delta Power Holding Company Limited	MD/CEO
National Bulk Electricity Trading	MD/CEO
Federal Ministry of Power	Chief Technical Adviser
Kano State Rural Electricity Board	Managing Director
Niger Delta Power Holding Company Limited	Executive Director Generation
Transcorp Power	MD/CEO of Transcorp Power
Ogun State Government	Special Adviser to H.E. Prince Dapo Abiodun on Energy
ARM Harith Infrastructure Investment Limited	Managing Director & CEO

Company

Job Title

West Power and Gas Limited	Group MD/CEO
Azura Power	Chief Executive Officer
Enugu State Electricity Regulatory Commission	Chairman/Chief Executive Officer
Nigerian Electricity Management Services Agency	Managing Director/CEO
Genesis Energy	Chairman and CEO
Abuja Electricity Distribution Company PLC	MD/CEO
Eko Electricity Distribution Company	Board Member
Women In Renewable Energy Association	Founder/President
STANBIC IBTC Capital Limited	Vice President
Niger Delta Power Holding Company	Executive Director Networks
Chapel Hill Denham	Director, Infrastructure and Climate
African Infrastructure Investment Managers	Investment Principal
Ikeja Electric	Chief Executive Officer
Kaduna State Government	Special Adviser to the Governor on Energy
UK Department for Business and Trade	Country Director
International Finance Corporation	Principal Investment Officer
European Bank for Reconstruction and Development	Director, Head of Nigeria
Geometric Power Limited	Group Managing Director
Afam Power	Managing Director
Egbin Power	Managing Director
Africa Finance Corporation	Vice President - Investments

What's on?



Nigeria Energy Leadership Summit

A senior-level platform examining Nigeria's power sector through an implementation-focused lens — covering grid performance, tariff execution, investment, gas-to-power and the energy transition.



Technical Excellence Forum

A focused three-day seminar on next-generation technologies shaping Nigeria's energy infrastructure. Through case studies, product demonstrations and technical presentations, delegates explore real-world applications across transmission, distribution, renewables, storage and digital infrastructure.



Networking Gala Dinner

A premium evening event designed to foster strategic, high-level connections in a formal setting.



Cocktail Reception

A casual networking event providing opportunities to build connections in a relaxed atmosphere.



Innovation Challenge

A national competition culminating in a live Innovation Finale, where shortlisted startups pitch commercially viable energy solutions to a panel of investors, DFIs and corporate partners.

NEW



Nigeria Energy Awards

Recognising excellence and outstanding achievement across Nigeria's energy sector, celebrating the individuals, projects and organisations driving the country's power future.

NEW



Leadership Summit overview

Theme: 'Strengthening Power Delivery through Execution, Coordination and Performance'

The Nigeria Energy Leadership Summit 2026 offers a senior platform to examine these challenges through an implementation-focused lens. Key topics include grid performance, tariff execution, revenue protection, state-level delivery, renewable readiness, industrial energy decision-making, DisCo revenue models, hybrid strategies, and the impact of carbon markets and climate finance. It also addresses the link between gas market dynamics and electricity outcomes.

Bringing together leaders across the value chain, the summit drives dialogue, coordination and practical partnerships to strengthen system performance.

“

The leadership summit is a great avenue for great minds to meet, discuss, collaborate, engage and find solutions to the energy business in Nigeria.

Abdullahi Kassim
Executive Director, NDPHC

Technical Excellence Forum Overview

Theme: Next-Generation Technologies for Grid and Energy Infrastructure

Nigeria's energy infrastructure is under increasing pressure from growing demand, ageing equipment and the need to integrate cleaner energy sources. As networks expand and systems become more digital, there is a growing need for advanced technologies that improve performance, visibility, reliability and safety across energy infrastructure.

The Technical Excellence Forum provides a practical, three-day platform for technical professionals across the energy value chain to explore real-world applications, share lessons from deployments and gain hands-on insight into technologies already shaping the future of Nigeria's energy infrastructure.

Benefits of Attending

- Gain practical insight into next-generation technologies improving grid performance, monitoring and reliability
- Explore advanced solutions for energy consumption management, renewable integration, storage and digital infrastructure
- Learn from detailed technical case studies, product demonstrations and real-world deployments
- Stay informed on emerging technologies shaping the future of energy infrastructure in Nigeria
- Build technical knowledge and capability through focused presentations and interactive sessions



Key topics

- Stabilising the power system under fiscal and operational pressure
- State-level power delivery and implementation of electricity market reforms
- Grid constraints, reliability challenges and system coordination
- Tariff adjustments, customer response and revenue protection
- Utility-scale renewable projects moving from pipeline to construction
- Distributed renewables and mini-grids scaling beyond pilot stages
- Industrial energy demand, captive power and system planning
- Carbon markets and climate finance from an operational perspective
- Domestic gas supply, pricing reform and power plant availability
- CNG expansion and competing gas demand across power, transport and industry



Being here with the players, engaging on policy, on strategy, on regulation and sharing ideas on how to move the sector forward — it's a rich school of resources in the power sector.

Johnson Akinnawo

Acting MD/CEO, Nigerian Bulk Electricity Trading Plc (NBET)

What's on this year?

Ministerial dialogue

- A high-impact session bringing together Nigeria's key ministers — Power, Trade & Investment, Finance, and Environment. An unparalleled opportunity to hear firsthand from top officials on the policies shaping the future of Nigeria's energy sector.

Greater focus on implementation

- The 2026 summit zeroes in on real-world solutions, from improving grid performance and tariff execution to enhancing demand-side management and ensuring gas supply reliability. It's all about delivering results.

Strategic debate

- A dynamic, moderated session where industry leaders face off on a critical energy issue. Participants challenge each other's positions in a fast-paced, interactive format — delivering real insights, sharp perspectives, and a unique opportunity to engage in the most pressing energy debates.

Closed-Door CEO Roundtable

- An exclusive, invite-only session where senior leaders engage in candid, high-level discussions behind closed doors. A rare opportunity for decision-makers to tackle the toughest challenges and shape the future of Nigeria's energy sector in a private, focused setting.

Conference Agenda

Leadership Summit

Day one

Strengthening the Power System: Policy Direction, State Action and Operational Progress

Tuesday, 27 October 2026

10:00

Welcome Remarks — Master of Ceremonies

10:15

Welcome Address

Ade Yesufu, Exhibition Director, Energy Portfolio, Informa Markets

10:25

Guest of Honour Address

10:35

Ministerial Address

11:10

Thought leadership

Thought Leadership Address — "Closing the Gap: The Three Interventions That Would Move Nigeria Toward Its Generation Potential Fastest"

Key takeaways

The key factors currently limiting how much of Nigeria's installed capacity reaches consumers — and which are most amenable to near-term resolution.

- The three highest-impact interventions to increase available generation — ranked by speed and scale of impact.
- Which interventions require commercial or regulatory action and which are within direct control of operators and government.

11:20

Dialogue

Ministerial Dialogue — Powering Nigeria's Growth: How Government Is Balancing Affordability, Reliability and Investment Across the Energy Value Chain

Key takeaways

- How government's priorities across power, finance and trade are being coordinated to support energy sector delivery.
- What the current tariff and revenue framework signals to investors and operators about the direction of reform.
- How Nigeria's climate and environmental commitments are being sequenced alongside energy access and reliability objectives.
- What near-term policy decisions delegates should be tracking and what they mean for planning and investment.

Conference Agenda

Leadership Summit

Day one

Strengthening the Power System: Policy Direction, State Action and Operational Progress

Tuesday, 27 October 2026

12:10

Thought leadership

Thought Leadership Address — Sponsor

12:20

Sponsor

Sponsor Address

12:30

Networking

Inauguration of the Exhibition · Lunch & Networking

14:00

Dialogue

Commissioners' Dialogue — Devolution in Action: How States Are Building Electricity Markets Under the Electricity Act

Key takeaways

- How states are using their expanded powers under the Electricity Act to advance licensing, regulation and project development.
- What coordination between state-licensed projects and federally controlled transmission infrastructure looks like in practice.
- Where progress is moving fastest and what other states can learn from early movers.
- What a functioning state electricity market looks like by 2028 — and which states are building toward it most effectively.

14:50

Debate

Strategic Debate — Scaling Nigeria's Power Market: Is the Current Architecture Ready for 10,000 MW?

Key takeaways

- What the current market framework can and cannot absorb in terms of additional generation capacity.
- The specific reforms that would most improve the system's ability to support higher generation volumes.
- Whether the binding constraints on scale are primarily technical, commercial or related to coordination and enforcement.
- What payment discipline, grid readiness and coordination improvements would be required to support a significant generation increase.



Conference Agenda

Leadership Summit

Day one

Strengthening the Power System: Policy Direction, State Action and Operational Progress

Tuesday, 27 October 2026

15:30

Networking & Coffee Break

Networking

15:30

Thought Leadership Address — Getting More from the Grid We Have: Why Data Quality Is the Real Frontier for Loss Reduction

Thought leadership

Key takeaways

- Why data quality is the primary determinant of AI-driven grid improvement in the Nigerian context.
- What metering and billing data in Nigerian utilities actually looks like — and what it means for technology deployed on top of it.
- Where organisational systems and incentive structures are the binding constraint on turning data insights into operational improvement.

16:00

Panel — Smart Losses: How Technology Is Reducing Grid Losses in Nigeria — and Where the Biggest Opportunities Remain

Panel

Key takeaways

- Which specific digital and AI tools are producing measurable loss reductions in Nigerian utilities — with operational data.
- Where implementation has required complementary enforcement, regulatory or commercial action to deliver results.
- How utilities, technology providers and regulators are collaborating in the deployments that are working.
- What the realistic ceiling of technology-driven loss reduction looks like — and what would push that ceiling higher.

16:45

Summary & Closing Remarks — Day 1

18:30

Nigeria Energy Awards

Awards

Conference Agenda

Leadership Summit

Day two

Delivering Energy Projects That Work: Renewables, Tariffs, Demand and System Coordination

Wednesday, 28 October 2026

10:00

Welcome Remarks — Master of Ceremonies

10:10

Thought leadership

Thought Leadership Address — What Nigerian Energy Projects Need to Attract International Capital — and How the Conditions Are Shifting

Key takeaways

- The specific conditions that most influence international capital deployment decisions in Nigerian energy.
- Which categories of Nigerian energy project are currently attracting the strongest investor interest and why.
- What developers, utilities and government counterparties can do to improve project bankability in the current environment.

10:25

Panel

Infrastructure in a Volatile World: Managing FX Risk, Sovereign Exposure and Capital Access in Nigeria's Energy Market

Key takeaways

How FX movements are affecting the structure and bankability of power purchase agreements in Nigeria.

- What Nigeria's current risk profile means for infrastructure financing costs — and how it compares to peer markets.
- How global supply chain shifts are affecting EPC procurement timelines and costs for Nigerian energy projects.
- Which global capital flow trends present the strongest opportunities for Nigeria's energy sector.

10:45

Panel

From Pipeline to Construction: The Execution Discipline That Separates Real Renewable Projects from Perpetual Proposals

Key takeaways

- What the execution processes of renewable projects that have reached financial close actually look like.
- The most common point at which projects stall between financial close and construction commencement.
- How developers are managing grid connection risk before construction starts.
- What credible off-take arrangements look like in Nigeria's current market and which structures are attracting lender confidence.



Conference Agenda

Leadership Summit

Day two

Delivering Energy Projects That Work: Renewables, Tariffs, Demand and System Coordination

Wednesday, 28 October 2026

11:15

Panel

Panel — Beyond Pilots: Building Distributed Renewables and Mini-Grids at Commercial Scale

Key takeaways

- At what tariff level distributed renewable and mini-grid projects in Nigerian contexts become commercially self-sustaining.
- What customer payment behaviour data from existing deployments shows — and how it changes with different tariff and payment structures.
- How anchor customers — state governments, industrials, telecoms — can de-risk distributed energy deployment and accelerate scale-up.
- Practical lessons from operators who have moved from 5 sites to 50.

11:45

Panel

Tariff Reform in Practice: Managing Revenue Sustainability, Customer Expectations and Service Delivery Together

Key takeaways

- How tariff adjustments have affected revenue collection across different customer bands — the actual outcomes against expectations.
- How customers are responding to higher tariffs and what that means for utility commercial strategy and enforcement approaches.
- What the relationship between tariff levels and service delivery improvement looks like in practice.
- What the tariff trajectory needs to look like over the next two years to sustain revenue sustainability while maintaining consumer confidence.

13:00

Networking

Lunch & Networking Break

Conference Agenda

Leadership Summit

Day two

Delivering Energy Projects That Work: Renewables, Tariffs, Demand and System Coordination

Wednesday, 28 October 2026

14:00

Panel

Panel — Distribution Sector Reform: The Case for Recapitalisation, Consolidation or Franchise Restructuring

Key takeaways

- What each of the three restructuring options would require in practice — and what outcomes the international evidence supports.
- The minimum additional capital required to bring distribution companies to minimum operational standards.
- How franchise carve-out models work in practice and which service territories present the strongest commercial case.
- What private equity and infrastructure investors are seeing in the distribution sector — and what conditions would unlock capital at scale.

14:40

Fireside

Fireside Chat — Energy Decisions: How Nigeria's Large Industrial and Commercial Users Are Managing Cost, Reliability and Grid Reconnection

Key takeaways

- The full cost of industrial captive and hybrid generation in Nigeria — and how it compares to grid supply at current tariff levels.
- What hybrid energy configurations are reducing energy costs for large industrials and what the economics look like at scale.
- At what reliability and tariff threshold a large industrial customer would meaningfully shift back toward grid dependence.
- How the energy decisions of large C&I users are affecting distribution company revenue models and system planning assumptions.

15:00

Thought Leadership

Thought Leadership Address — Distribution Reform: What the Current Moment Makes Possible

Key takeaways

- What the experience of previous distribution sector restructuring efforts reveals about the conditions required for success.
- What has changed in the current regulatory, commercial and political environment that creates new possibilities
- What a realistic distribution sector improvement outcome looks like by 2027 — and what the leading indicators of progress will be.



Conference Agenda

Leadership Summit

Day two

Delivering Energy Projects That Work: Renewables, Tariffs, Demand and System Coordination

Wednesday, 28 October 2026

15:10

Networking & Coffee Break

Networking

15:45

Panel — Carbon Markets and Climate Finance: A Practical Guide for Nigerian Energy Project Developers

Panel

Key takeaways

- What the full cost of carbon credit certification looks like for a Nigerian energy project — and what annual revenue a qualifying project can realistically expect.
- Which verification standards are most accessible for Nigerian developers and why.
- For which types and scales of Nigerian energy project climate finance genuinely improves project economics.
- How DFIs and green finance institutions are structuring climate-linked financing for Nigerian energy projects.

16:25

Powered By Her — The Decisions That Keep the System Running: Women in Senior Operational and Investment Roles in Nigeria's Energy Sector

Panel

This session focuses on the operational, regulatory and investment decisions being made by women in senior leadership roles across Nigeria's energy sector — grid operations, capital allocation, regulatory enforcement, service delivery — and what managing those responsibilities under real constraints looks like in practice.

17:15

Summary & Closing Remarks — Day 2

18:00

Gala Dinner (By invitation only)

Conference Agenda

Leadership Summit

Day three

Gas and Power Interdependence: Managing Supply, Competing Demand and Reliability.

Thursday, 29 October 2026

10:00

Welcome Remarks — Master of Ceremonies

10:10

Keynote

Keynote — Nigeria's Gas Sector in Transition: What the Shift in Asset Ownership Means for Power Generation

Key takeaways

- Who the major new domestic owners of Nigeria's onshore gas assets are — and what their commercial strategies mean for power sector gas supply.
- How the transition from IOC to independent ownership is affecting gas pricing, supply reliability and willingness to enter domestic supply obligations.
- What investment in gas infrastructure the new asset owners are committed to — and where gaps remain.
- How the ownership transition is reshaping the gas-to-power commercial landscape in the medium term.

10:20

Thought leadership

Thought Leadership Address — "From Reserves to Reliability: Unlocking Nigeria's Gas Potential for Power Generation"

Key takeaways

- The specific infrastructure, contractual and pricing factors currently creating supply gaps between Nigeria's gas reserves and its generation fleet.
- Which of those factors is most directly within the control of domestic gas operators to address.
- The single intervention most likely to improve gas supply availability for power generation in the near term.



Conference Agenda

Leadership Summit

Day three

Gas and Power Interdependence: Managing Supply, Competing Demand and Reliability.

Thursday, 29 October 2026

10:20

Panel

Panel — Domestic Gas Supply, Pricing Reform and Power Plant Reliability: Making the Connection Work

Key takeaways

- Why gas supply reliability for power generation remains a challenge despite Nigeria's reserves — identified by specific mechanism.
- The gap between the Domestic Supply Obligation price and what gas producers can earn from other customers — and how that dynamic is being managed
- Which pipeline corridors have the most acute supply constraints and what is driving them
- What changes to pricing, contract enforcement or midstream investment would have the most immediate positive impact on power plant fuel availability

11:15

Fireside

Fireside Chat — Rebuilding Gas Supply Confidence: Payment Security, Contract Performance and What Both Sides of the Relationship Need

Key takeaways

- What gas suppliers need from power generators to commit to reliable long-term supply.
- What power generators need from gas suppliers in supply commitment, pricing structure and force majeure terms.
- Which reforms to payment security instruments, pricing mechanisms or regulatory enforcement could most quickly restore commercial confidence.
- Where both parties have aligned interests — and where government or regulatory intervention is genuinely required.

Conference Agenda

Leadership Summit

Day three

Gas and Power Interdependence: Managing Supply, Competing Demand and Reliability.

Thursday, 29 October 2026

11:35

Panel

Panel — Gas for Power, Transport and Industry: Managing Competing Demand as CNG Expands

Key takeaways

- How Nigeria's CNG programme is affecting gas volumes available for power generation across different regions.
- Where competition between power, transport and industrial gas demand is most acute — and what the current allocation mechanisms look like.
- Whether the domestic gas pricing framework can manage competing uses efficiently at current and projected CNG demand levels.
- What policy or commercial mechanisms could support both CNG adoption and reliable power sector gas supply over the long term.

12:20

Pitch

Innovation Finale — Nigeria's Energy Challenges, Startup Solutions: The Pitch That Matters

Key takeaways

- The most commercially promising startup solutions addressing Nigeria's energy sector's persistent operational problems.
- Which early-stage companies have moved beyond pilot to paying customers and are building defensible businesses in the Nigerian energy market.
- How investors, DFIs and corporate partners are evaluating early-stage energy companies in Nigeria.

13:15

Summary & Closing Remarks — Day 3

13:20

Networking

Delegate Networking & Lunch

14:30 – 17:30

Invite only

CEO Roundtable



Conference Agenda

Leadership Summit

Day three

Gas and Power Interdependence: Managing Supply, Competing Demand and Reliability.

Thursday, 29 October 2026

14:30

Networking

Registration & Welcome Drinks — Hosted by Presenting Sponsor

15:00

CEO Roundtable

CEO Roundtable — The Execution Gap: Closing the Distance Between Nigeria's Energy Potential and Its Performance

Key takeaways

- What the sector's most senior decision-makers believe are the genuine constraints on progress — spoken without diplomatic qualification.
- Where there is real alignment among senior leaders that has not yet translated into coordinated action.
- What practical commitments the assembled leaders are prepared to make — and what they need from each other to make them.

16:30

Thought leadership

Thought Leadership Address — "What the Room Needs to Take Away"

16:40

Networking

Networking Reception — Roundtable Participants Only

17:30

CEO Roundtable Concludes

Closed to general delegates. Chatham House rules throughout. Attendance is by personal invitation only.

Conference Agenda

Digital Intelligence and Operational Resilience

Technical Excellence Forum

Day one

Tuesday, 27 October 2026

The grid is getting smarter. The threats are getting smarter too. Day One examines the AI systems making Nigerian grids faster to respond and the cybersecurity frameworks protecting those digital environments — alongside the advanced energy management systems transforming how industry uses power. The afternoon Live Demo session puts AI grid technology in front of the full audience, running on real infrastructure data.

12:00

Welcome — Technical Excellence Forum Opens

12:15

Opening Innovation Talk — Your Technology, Your Thesis.

12:35

Panel — Locking Down the Digital Grid: Cybersecurity and OT Protection for Nigeria's Critical Energy Infrastructure

Panel

Key takeaways

- How IEC 62443 applies to Nigerian grid OT environments and what a realistic implementation sequence looks like.
- Network segmentation strategies that isolate SCADA and ICS environments without creating operational blind spots.
- How to detect, contain and recover from an OT cyber incident where response time is measured in seconds.
- Which cybersecurity investments deliver the highest protection per naira in a constrained infrastructure budget.

13:20

Innovation Talk

13:40

Networking Break · Product Demo Zone Open

Networking



Conference Agenda

Digital Intelligence and Operational Resilience

Technical Excellence Forum

Day one

Tuesday, 27 October 2026

14:00

Fireside

Fireside Chat — Beyond the Dashboard: How Advanced Energy Management Systems Are Transforming Industrial Power Performance

What you will take away

- How modern EMS platforms move from passive monitoring to active demand and power quality management.
- What harmonics mitigation and power factor correction actually deliver in equipment protection and cost terms.
- How to integrate captive diesel, solar and grid supply into a coherent, optimised energy configuration.
- What the ROI case for advanced EMS looks like across manufacturing, FMCG, telecoms and banking facilities

14:30

Innovation Talk

14:50

Networking Break

Networking

15:10

Innovation Talk

15:30

Live Demo — AI in the Control Room: Predictive Fault Detection and Automated Grid Response Running in Real Time

Live demo

What you will take away

- How AI-driven predictive fault detection works operationally — what it catches, how early, at what false-positive rate.
- What automated dispatch support looks like from an operator's perspective — and how human override protocols work.
- Data quality requirements for AI grid tools to function reliably — and how to work with imperfect metering data.
- Which AI capabilities are deployable in Nigerian infrastructure today versus those requiring prerequisites not yet at scale.



Conference Agenda

Digital Intelligence and Operational Resilience

Technical Excellence Forum

Day one

Tuesday, 27 October 2026

16:20

Masterclass

Technical Masterclass / Association Keynote — Delivered by a Leading Energy Engineering Body

What you will take away

- Engineering standards and benchmarks Nigerian infrastructure should be measured against.
- Where Nigeria's technical workforce capability gaps are most acute and what the sector needs to do.
- Infrastructure investment priorities with the strongest technical and economic case over five years.

17:00

Welcome — Technical Excellence Forum Opens



Conference Agenda

Planning, Load Growth and Infrastructure Alignment

Technical Excellence Forum

Day two

Wednesday, 28 October 2026

Demand is changing faster than infrastructure can follow. Day Two examines the planning tools that allow infrastructure decisions to get ahead of load growth — from grid simulation to the technical requirements of EV charging integration. It also hosts the Innovation Challenge and a structured Peer Roundtable session where senior engineers examine one of the forum's most contested technical questions together.

11:00

Welcome — Day Two Opens

11:10

Innovation Talk

11:30

Fireside

Fireside Chat — Model It Before You Build It: Advanced Grid Simulation Tools for Infrastructure Planning in a Decentralising System

Key takeaways

- Which grid simulation and modelling platforms best suit Nigerian infrastructure planning and what they require.
- How scenario planning tools sequence transmission and distribution investment under genuine uncertainty.
- What it takes to build in-house modelling capability within a Nigerian utility — data, skills and governance.
- How modelling outputs are used to make the investment case to regulators and financing institutions.

11:50

Panel

Panel — Engineering the Future Grid: Women Building Nigeria's Next-Generation Energy Infrastructure

What you will take away

- What leading complex infrastructure engineering projects in Nigeria's current environment actually requires.
- How women engineers are contributing to renewable integration, storage deployment and grid digitalization.
- Practical engineering lessons from infrastructure delivery that every practitioner can apply.
- Workforce development investments that would most strengthen Nigeria's technical energy capacity.

Conference Agenda

Planning, Load Growth and Infrastructure Alignment

Technical Excellence Forum

Day two

Wednesday, 28 October 2026

12:40

Innovation Talk

13:00

Networking Break

Networking

14:00

Market Intelligence Brief — Electric Mobility in Nigeria: Load Data, Demand Patterns and What Distribution Planners Need to Know Now

Market intelligence brief

What you will take away

- Current EV penetration data for Nigeria by segment and geography — and the growth trajectory over 12, 24 and 48 months.
- How EV charging demand clusters spatially — and what that means for specific distribution infrastructure.
- Transformer and feeder capacity implications of different EV adoption scenarios for Nigerian DisCo territories.
- When infrastructure investment decisions need to be made to stay ahead of EV demand growth.

14:15

Engineering EV Charging Infrastructure for a Grid Under Pressure: Siting, Smart Charging and System Protection

Panel

What you will take away

- Transformer loading limits and feeder reinforcement requirements for different EV charging configurations.
- How smart charging architecture manages demand dynamically — control logic, protocols and grid connection requirements.
- Technical siting criteria for EV charging infrastructure in areas with constrained network capacity.
- Hybrid charging configurations: technical integration requirements and operational trade-offs.

14:55

Networking Break

Networking



Conference Agenda

Planning, Load Growth and Infrastructure Alignment

Technical Excellence Forum

Day two

Wednesday, 28 October 2026

15:10

Innovation Talk

15:30

Panel

Panel — Grid Modernisation vs. Grid Stabilisation: Where Should Nigeria's Infrastructure Capital Go First?

What you will take away

- Where the engineering evidence points on the stabilise-vs.-modernise capital allocation question — argued by practitioners, not consultants.
- Which specific transmission and distribution investments have the clearest near-term return on system performance.
- How engineers from different parts of the value chain — GenCos, DisCos, TCN, IPPs — assess the same capital prioritisation question differently.
- What a technically credible 5-year infrastructure investment sequencing looks like for Nigeria's power system.

16:00

Innovation challenge

Innovation Challenge — Nigeria's Most Commercially Promising Energy Startups

What you will take away

- The most deployment-ready startup solutions addressing Nigeria's most significant energy infrastructure challenges.
- How investors and corporate partners evaluate early-stage energy technology — the criteria that drive investment decisions.
- Which emerging technologies are closest to deployment at scale in Nigerian conditions.

17:00

Summary & Close — Day Two

Conference Agenda

Infrastructure Pathways for Future Energy Systems

Technical Excellence Forum

Day three

Thursday, 29 October 2026

Day Three examines the infrastructure decisions that will shape Nigeria's energy system for decades — battery storage deployment realities, hydrogen's engineering prerequisites and the gas-to-power coordination challenges that continue to constrain generation availability.

11:30

Welcome — Day Three Opens

11:45

Innovation Talk

12:05

Panel — Battery Energy Storage in Nigeria: Size It Right, Integrate It Safely, Make It Last

Panel

What you will take away

- How to size battery storage systems correctly for different application contexts — methodology and common sizing errors.
- Substation integration requirements for battery storage at different voltage levels — what changes upstream.
- Safety compliance for battery storage in Nigerian environments — applicable standards, site protocols, incident management.
- Lifecycle management strategies that sustain storage performance across a 10–15 year operating horizon.
- Where battery storage delivers the strongest operational and economic case in Nigerian grid contexts today.



Conference Agenda

Infrastructure Pathways for Future Energy Systems

Technical Excellence Forum

Day three

Thursday, 29 October 2026

12:50

Fireside

Fireside Chat — Hydrogen in Nigeria: The Engineering Conditions That Have to Be Met Before the Numbers Work

What you will take away

- Renewable energy capacity requirements for hydrogen electrolysis at different scales — and how that maps onto Nigeria's pipeline.
- Electrolyser technology options, maturity levels and real cost trajectories — what the selection decision between them requires.
- What storage, transport and safety infrastructure hydrogen deployment needs — and the gap from Nigeria's current position.
- Technical milestones that pilot projects must achieve to justify a scale-up investment decision.

13:50

Interactive Workshop

Interactive Workshop — Exploring the Future of Energy Storage: Advancements from Lithium-Ion to Solid-State Batteries and Beyond

What you will take away

- Practical experience with lithium-ion and solid-state batteries.
- Understanding the benefits and challenges of each technology.
- Knowledge of how to evaluate and integrate energy storage systems.

14:30

Summary & Close — Technical Excellence Forum 2026



Speakers



Edu Okeke
Managing Director,
Azura Power West Africa



Olabode Sowunmi
Consultant; House Committee
on Power & Senate Committee
on Gas, Nigeria National
Assembly



Yusuf Umar
Managing Director & Chief
Executive Officer, RIPLE



Prof. Magnus Onuoha
President SEPAN & Executive
Director, ASTEVEN Group



Segun Adaju
CEO, Consistent
Energy Limited



**Engr. Abdu Bello
Mohammed**
Managing Director
/ Chief Executive Officer,
Nigerian Independent System
Operator



Engr. Abba Aliyu
Managing Director / Chief
Executive Officer, Rural
Electrification Agency



Hammed Adebayo
Associate Director, Energy
Management, IHS Towers



Rolake Akinkugbe - Filani
CEO, EnergyInc. Advisors



Yischai Beinisch
CEO, Daystar Power



**Dr. Musiliu
Olalekan Oseni**
Chairman, Nigerian
Electricity Regulatory
Commission (NERC)



Derek Chime
Chief Investment Officer,
ARM-Harith Infrastructure
Fund



Pradeep Pursnani
Chief Executive Officer,
Konexa



Washima Mede
Chief Executive Officer,
Prado Power



Anita Nana Okuribido
President, Women in
Renewable Energy Association
(WIRE-A)



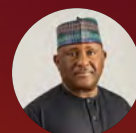
Chichi Emenike
Acting Managing Director &
Gas Asset Manager,
Nencode Energy



**Professor Dahud Kehinde
Shangodoyin (Invited)**
Honorable Commissioner for
Energy, Oyo State



Biodun Ogunleye (Invited)
Honorable Commissioner,
Lagos State Ministry of Energy
and Mineral Resources



**Abdul Samad Rabi
(Invited)**
Executive Chairman ,
BUA Group



Kola Adesina (Invited)
Group Managing Director,
Sahara Group



Tony Attah (Invited)
CEO, Renaissance
Energy Group



Agatha Nnaja (Invited)
Managing Director,
Geometric Power



Mokhtar Bounour (Invited)
Chief Executive Officer,
Egbin Power PLC



Deolu Ijose (Invited)
Managing Director,
IBEDC



Damilola Ogunbiyi (Invited)
Chief Executive Officer
Sustainable Energy For All,
Services Holding (e&)



**Engr. Jennifer Adighije
(Invited)**
MD/CEO, Niger Delta Power
Holding Company

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- **Venue Branding** – High-impact exposure across key event areas.
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“

You have all the key people in the room. The minister stayed till late in the day — active involvement and participation throughout. We have the right people in the room having the right conversation. They see this as a strategically important conference.

Ibi Ogunbiyi
Partner, Olaniwun Ajayi LP

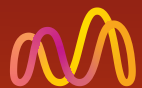


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Be part of Nigeria Energy 2026

Get in touch with our team for tailored solutions on sponsorship, exhibition, and partnership opportunities, or any other inquiries.

Exhibition enquiries



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Programme and speaker enquiries



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