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FEDERAL MINISTRY OF POWER

Nigeria Energy

**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.

**Get Pass Details** **Register as a Delegate**

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

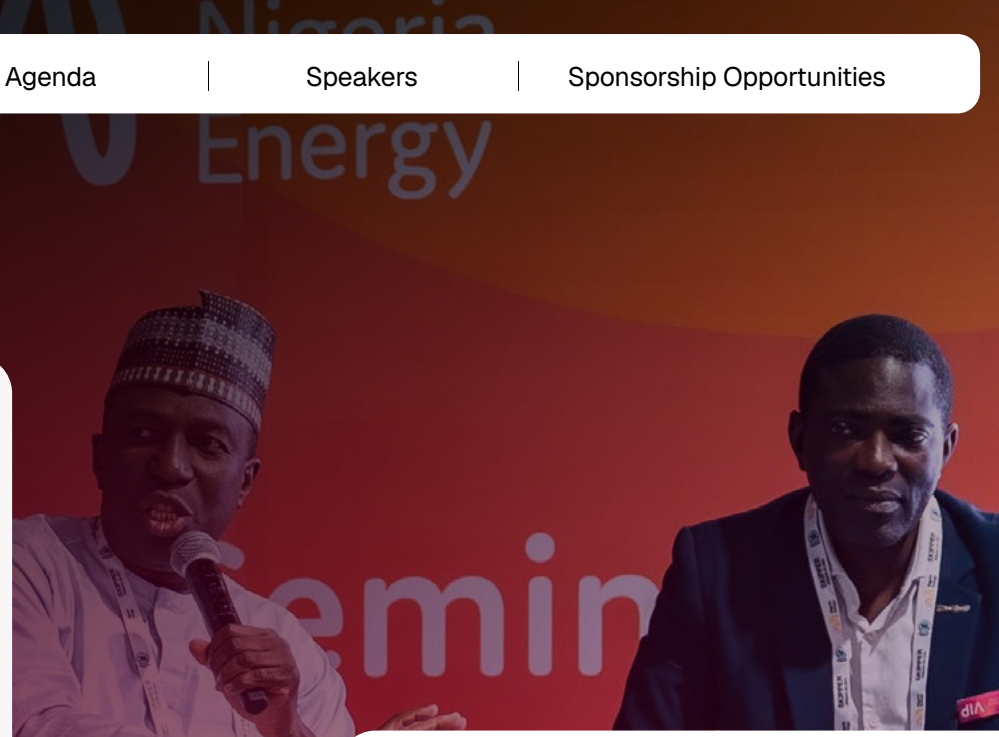
- Gain practical insight into next-generation technologies improving grid performance, monitoring and reliability
- Explore advanced solutions for energy consumption management, renewable integration, storage and digital infrastructure
- Learn from detailed technical case studies, product demonstrations 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

**Get Pass Details** **Register as a Delegate**



> 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?

**Get Pass Details**

**Register as a Delegate**

## 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**<br>**Ade Yesufu,** Exhibition Director, Energy Portfolio, **Informa Markets** |
| **10:25** | **Guest of Honour Address** |
| **10:35** | **Ministerial Address** |
| **11:10**<br>Thought leadership | **Thought Leadership Address — "Closing the Gap: The Three Interventions That Would Move Nigeria Toward Its Generation Potential Fastest"**<br><br>**Key takeaways**<br>The key factors currently limiting how much of Nigeria's installed capacity reaches consumers — and which are most amenable to near-term resolution.<br>• The three highest-impact interventions to increase available generation — ranked by speed and scale of impact.<br>• Which interventions require commercial or regulatory action and which are within direct control of operators and government. |
| **11:20**<br>Dialogue | **Ministerial Dialogue — Powering Nigeria's Growth: How Government Is Balancing Affordability, Reliability and Investment Across the Energy Value Chain**<br><br>**Key takeaways**<br>• How government's priorities across power, finance and trade are being coordinated to support energy sector delivery.<br>• What the current tariff and revenue framework signals to investors and operators about the direction of reform.<br>• How Nigeria's climate and environmental commitments are being sequenced alongside energy access and reliability objectives.<br>• 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**<br>Thought leadership | **Thought Leadership Address — Sponsor** |
| **12:20**<br>Sponsor | **Sponsor Address** |
| **12:30**<br>Networking | **Inauguration of the Exhibition · Lunch & Networking** |
| **14:00**<br>Dialogue | **Commissioners' Dialogue — Devolution in Action: How States Are Building Electricity Markets Under the Electricity Act**<br>**Key takeaways**<br>• How states are using their expanded powers under the Electricity Act to advance licensing, regulation and project development.<br>• What coordination between state-licensed projects and federally controlled transmission infrastructure looks like in practice.<br>• Where progress is moving fastest and what other states can learn from early movers.<br>• What a functioning state electricity market looks like by 2028 — and which states are building toward it most effectively. |
| **14:50**<br>Debate | **Strategic Debate — Scaling Nigeria's Power Market: Is the Current Architecture Ready for 10,000 MW?**<br>**Key takeaways**<br>• What the current market framework can and cannot absorb in terms of additional generation capacity.<br>• The specific reforms that would most improve the system's ability to support higher generation volumes.<br>• Whether the binding constraints on scale are primarily technical, commercial or related to coordination and enforcement.<br>• 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**<br>Networking | **Networking & Coffee Break** |
| **15:30**<br>Thought leadership | **Thought Leadership Address — Getting More from the Grid We Have: Why Data Quality Is the Real Frontier for Loss Reduction**<br><br>**Key takeaways**<br>• Why data quality is the primary determinant of AI-driven grid improvement in the Nigerian context.<br>• What metering and billing data in Nigerian utilities actually looks like — and what it means for technology deployed on top of it.<br>• Where organisational systems and incentive structures are the binding constraint on turning data insights into operational improvement. |
| **16:00**<br>Panel | **Panel — Smart Losses: How Technology Is Reducing Grid Losses in Nigeria — and Where the Biggest Opportunities Remain**<br><br>**Key takeaways**<br>• Which specific digital and AI tools are producing measurable loss reductions in Nigerian utilities — with operational data.<br>• Where implementation has required complementary enforcement, regulatory or commercial action to deliver results.<br>• How utilities, technology providers and regulators are collaborating in the deployments that are working.<br>• 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**<br>Awards | **Nigeria Energy 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**<br>Networking | **Networking & Coffee Break** |
| **15:45**<br>Panel | **Panel — Carbon Markets and Climate Finance: A Practical Guide for Nigerian Energy Project Developers**<br><br>**Key takeaways**<br>• 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.<br>• Which verification standards are most accessible for Nigerian developers and why.<br>• For which types and scales of Nigerian energy project climate finance genuinely improves project economics.<br>• How DFIs and green finance institutions are structuring climate-linked financing for Nigerian energy projects. |
| **16:25**<br>Panel | **Powered By Her — The Decisions That Keep the System Running: Women in Senior Operational and Investment Roles in Nigeria's Energy Sector**<br><br>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

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|---|---|
| **10:00** | **Welcome Remarks — Master of Ceremonies** |
| **10:10**<br>Keynote | **Keynote — Nigeria's Gas Sector in Transition: What the Shift in Asset Ownership Means for Power Generation**<br>**Key takeaways**<br>• Who the major new domestic owners of Nigeria's onshore gas assets are — and what their commercial strategies mean for power sector gas supply.<br>• How the transition from IOC to independent ownership is affecting gas pricing, supply reliability and willingness to enter domestic supply obligations.<br>• What investment in gas infrastructure the new asset owners are committed to — and where gaps remain.<br>• How the ownership transition is reshaping the gas-to-power commercial landscape in the medium term. |
| **10:20**<br>Thought leadership | **Thought Leadership Address — "From Reserves to Reliability: Unlocking Nigeria's Gas Potential for Power Generation"**<br>**Key takeaways**<br>• The specific infrastructure, contractual and pricing factors currently creating supply gaps between Nigeria's gas reserves and its generation fleet.<br>• Which of those factors is most directly within the control of domestic gas operators to address.<br>• 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**<br>Networking | **Registration & Welcome Drinks — Hosted by Presenting Sponsor** |
| **15:00**<br>CEO Roundtable | **CEO Roundtable — The Execution Gap: Closing the Distance Between Nigeria's Energy Potential and Its Performance**<br>**Key takeaways**<br>• What the sector's most senior decision-makers believe are the genuine constraints on progress — spoken without diplomatic qualification.<br>• Where there is real alignment among senior leaders that has not yet translated into coordinated actio..<br>• What practical commitments the assembled leaders are prepared to make — and what they need from each other to make them. |
| **16:30**<br>Thought leadership | **Thought Leadership Address — "What the Room Needs to Take Away"** |
| **16:40**<br>Networking | **Networking Reception — Roundtable Participants Only** |
| **17:30** | **CEO Roundtable Concludes**<br>Closed to general delegates. Chatham House rules throughout. Attendance is by personal invitation only. |

# Conference Agenda

**Technical Excellence Forum** | Day one

**Digital Intelligence and Operational Resilience**

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.

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|---|---|
| **12:00** | **Welcome — Technical Excellence Forum Opens** |
| **12:15** | **Opening Innovation Talk — Your Technology, Your Thesis.** |
| **12:35**<br>Panel | **Panel — Locking Down the Digital Grid: Cybersecurity and OT Protection for Nigeria's Critical Energy Infrastructure**<br>**Key takeaways**<br>• How IEC 62443 applies to Nigerian grid OT environments and what a realistic implementation sequence looks like.<br>• Network segmentation strategies that isolate SCADA and ICS environments without creating operational blind spots.<br>• How to detect, contain and recover from an OT cyber incident where response time is measured in seconds.<br>• Which cybersecurity investments deliver the highest protection per naira in a constrained infrastructure budget. |
| **13:20** | **Innovation Talk** |
| **13:40**<br>Networking | **Networking Break · Product Demo Zone Open** |

# Conference Agenda

**Technical Excellence Forum** | Day one

**Digital Intelligence and Operational Resilience**

Tuesday, 27 October 2026

| | |
|---|---|
| **14:00**<br>Fireside | **Fireside Chat — Beyond the Dashboard: How Advanced Energy Management Systems Are Transforming Industrial Power Performance**<br><br>**What you will take away**<br>• How modern EMS platforms move from passive monitoring to active demand and power quality management.<br>• What harmonics mitigation and power factor correction actually deliver in equipment protection and cost terms.<br>• How to integrate captive diesel, solar and grid supply into a coherent, optimised energy configuration.<br>• What the ROI case for advanced EMS looks like across manufacturing, FMCG, telecoms and banking facilities |
| **14:30** | **Innovation Talk** |
| **14:50**<br>Networking | **Networking Break** |
| **15:10** | **Innovation Talk** |
| **15:30**<br>Live demo | **Live Demo — AI in the Control Room: Predictive Fault Detection and Automated Grid Response Running in Real Time**<br><br>**What you will take away**<br>• How AI-driven predictive fault detection works operationally — what it catches, how early, at what false-positive rate.<br>• What automated dispatch support looks like from an operator's perspective — and how human override protocols work.<br>• Data quality requirements for AI grid tools to function reliably — and how to work with imperfect metering data.<br>• Which AI capabilities are deployable in Nigerian infrastructure today versus those requiring prerequisites not yet at scale. |

# Conference Agenda

**Technical Excellence Forum** | Day one

**Digital Intelligence and Operational Resilience**

Tuesday, 27 October 2026

| | |
|---|---|
| **16:20**<br>Masterclass | **Technical Masterclass / Association Keynote — Delivered by a Leading Energy Engineering Body**<br><br>**What you will take away**<br><br>• Engineering standards and benchmarks Nigerian infrastructure should be measured against.<br>• Where Nigeria's technical workforce capability gaps are most acute and what the sector needs to do.<br>• Infrastructure investment priorities with the strongest technical and economic case over five years. |
| **17:00** | **Welcome — Technical Excellence Forum Opens** |

**Get Pass Details** **Register as a Delegate**

# Conference Agenda

**Technical Excellence Forum** | Day two

**Planning, Load Growth and Infrastructure Alignment**

**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.

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|---|---|
| **11:00** | **Welcome — Day Two Opens** |
| **11:10** | **Innovation Talk** |
| **11:30**<br>Fireside | **Fireside Chat — Model It Before You Build It: Advanced Grid Simulation Tools for Infrastructure Planning in a Decentralising System**<br><br>**Key takeaways**<br>• Which grid simulation and modelling platforms best suit Nigerian infrastructure planning and what they require.<br>• How scenario planning tools sequence transmission and distribution investment under genuine uncertainty.<br>• What it takes to build in-house modelling capability within a Nigerian utility — data, skills and governance.<br>• How modelling outputs are used to make the investment case to regulators and financing institutions. |
| **11:50**<br>Panel | **Panel — Engineering the Future Grid: Women Building Nigeria's Next-Generation Energy Infrastructure**<br><br>**What you will take away**<br>• What leading complex infrastructure engineering projects in Nigeria's current environment actually requires.<br>• How women engineers are contributing to renewable integration, storage deployment and grid digitalization.<br>• Practical engineering lessons from infrastructure delivery that every practitioner can apply.<br>• Workforce development investments that would most strengthen Nigeria's technical energy capacity. |

# Conference Agenda

**Technical Excellence Forum** | Day two

**Planning, Load Growth and Infrastructure Alignment**

Wednesday, 28 October 2026

| | |
|---|---|
| **12:40** | **Innovation Talk** |
| **13:00**<br>Networking | **Networking Break** |
| **14:00**<br>Market intelligence brief | **Market Intelligence Brief — Electric Mobility in Nigeria: Load Data, Demand Patterns and What Distribution Planners Need to Know Now**<br>**What you will take away**<br>• Current EV penetration data for Nigeria by segment and geography — and the growth trajectory over 12, 24 and 48 months.<br>• How EV charging demand clusters spatially — and what that means for specific distribution infrastructure.<br>• Transformer and feeder capacity implications of different EV adoption scenarios for Nigerian DisCo territories.<br>• When infrastructure investment decisions need to be made to stay ahead of EV demand growth. |
| **14:15**<br>Panel | **Engineering EV Charging Infrastructure for a Grid Under Pressure: Siting, Smart Charging and System Protection**<br>**What you will take away**<br>• Transformer loading limits and feeder reinforcement requirements for different EV charging configurations.<br>• How smart charging architecture manages demand dynamically — control logic, protocols and grid connection requirements.<br>• Technical siting criteria for EV charging infrastructure in areas with constrained network capacity.<br>• Hybrid charging configurations: technical integration requirements and operational trade-offs. |
| **14:55**<br>Networking | **Networking Break** |

# Conference Agenda

**Technical Excellence Forum** | Day two

**Planning, Load Growth and Infrastructure Alignment**

**Wednesday, 28 October 2026**

| | |
|---|---|
| **15:10** | **Innovation Talk** |
| **15:30**<br>Panel | **Panel — Grid Modernisation vs. Grid Stabilisation: Where Should Nigeria's Infrastructure Capital Go First?**<br>**What you will take away**<br>• Where the engineering evidence points on the stabilise-vs.-modernise capital allocation question — argued by practitioners, not consultants.<br>• Which specific transmission and distribution investments have the clearest near-term return on system performance.<br>• How engineers from different parts of the value chain — GenCos, DisCos, TCN, IPPs — assess the same capital prioritisation question differently.<br>• What a technically credible 5-year infrastructure investment sequencing looks like for Nigeria's power system. |
| **16:00**<br>Innovation challenge | **Innovation Challenge — Nigeria's Most Commercially Promising Energy Startups**<br>**What you will take away**<br>• The most deployment-ready startup solutions addressing Nigeria's most significant energy infrastructure challenges.<br>• How investors and corporate partners evaluate early-stage energy technology — the criteria that drive investment decisions.<br>• Which emerging technologies are closest to deployment at scale in Nigerian conditions. |
| **17:00** | **Summary & Close — Day Two** |

# Conference Agenda

**Technical Excellence Forum** | Day three

**Infrastructure Pathways for Future Energy Systems**

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**<br>Panel | **Panel — Battery Energy Storage in Nigeria: Size It Right, Integrate It Safely, Make It Last**<br><br>**What you will take away**<br>• How to size battery storage systems correctly for different application contexts — methodology and common sizing errors.<br>• Substation integration requirements for battery storage at different voltage levels — what changes upstream.<br>• Safety compliance for battery storage in Nigerian environments — applicable standards, site protocols, incident management.<br>• Lifecycle management strategies that sustain storage performance across a 10–15 year operating horizon.<br>• Where battery storage delivers the strongest operational and economic case in Nigerian grid contexts today. |

# Conference Agenda

**Technical Excellence Forum** Day three

**Infrastructure Pathways for Future Energy Systems**

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



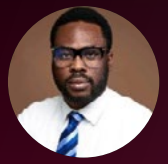
**Edu Okeke**
Managing Director,
Azura Power West Africa



**Hon. Enyinna Ogbonna**
Commissioner for Energy and Mineral Resources, Enugu State



**Kashifu Inuwa Abdullahi**
DG, NITDA



**Oguche Agudah**
Founder, HRISP Partners



**Anthonia Ifeanyi-Okoro**
CEO, PenOp



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



**Joy Ojakovo**
MD/CEO Progress Trust CPFA, Nigerian Breweries Plc



**Rolake Akinkugbe - Filani**
CEO, EnergyInc. Advisors



**Bankole Cardoso**
MD, Delta40 Venture Studio



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



**Derek Chime**
Chief Investment Officer, ARM-Harith Infrastructure Fund



**Romain de Villeneuve**
CEO, WeLight



**Ademola Ogunbanjo**
President and CEO, Oando Energy Resources



**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



**Engr. Olusegun Adesayo**
MD, NEMSA



**Dr. Chinyere Almona**
DG, Lagos Chamber of Commerce and Industry

# Speakers



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



**Engr. Tobore Oru**
Technical Assistant (ICT) to the Hon. Minister of State for Petroleum Resources



**Emeka Raphael**
Chairman, Abia State Electricity Commission



**Folarin Lajumoke**
Executive Director E&P, BUA Group



**Olufemi Sami**
CFO, Transafam Power Plc



**Effiong Okon**
CEO, Seplat Energy Plc



**Obehi Ojeaga**
COO, Nigeria Machine Tools



**Sianny Ayodele**
Head of Renewables, Elektron Energy Development Strategies



**Ifechukwude Uwajeh**
CIO, GreenMax Capital Group



**Engr. Teryima Denen Toryila**
Executive Director Gas, Power & Renewable Energy, AYM Shafa Holdings



**Abiodun Aina**
Principal Investment Officer, IFC



**Chijioke M. Okonkwo**
Chairman, Enugu Electricity Regulatory Commission

**Get Pass Details** **Register as a Delegate**

# Delegate Pass options

## Conference Delegate

### Standard Pass

**US$500** per delegate

- ✓ Leadership Summit — all sessions & keynotes
- ✓ Technical Excellence Forum access
- ✓ Innovation Challenge access
- ✓ Full exhibition floor, all 3 days
- ✓ General networking access
- ✓ CPD certification

Book Standard Pass

## Business Value

### Executive Pass

**US$1,200** per delegate

**Everything in the Standard Pass, plus:**

- ✓ Energy Club hosted-buyer networking
- ✓ Reserved conference seating
- ✓ VIP lounge access
- ✓ Delegate list + pre-event meeting scheduler
- ✓ Session recordings + certificate of participation
- ✓ Nigeria Energy Awards ceremony seating
- ✓ Curated 1:1 matchmaking (min. 5 introductions)

Book Executive Pass

## Ultimate Experience

### Leadership Pass

**US$3,000** per delegate

**Everything in the Executive Pass, plus:**

- ✓ Invitation-only hosted roundtable seat
- ✓ VIP welcome dinner
- ✓ Concierge airport & hotel transfers
- ✓ Post-event market data pack
- ✓ Exclusive access to The Energy Club – connect with qualified buyers, project owners and senior decision-makers
- ✓ Five pre-arranged 1:1 business meetings – select up to 15 organisations, with a minimum of 5 meetings guaranteed
- ✓ Networking lunches + refreshments
- ✓ Exclusive networking functions – VIP receptions, cocktail events + curated social functions
- ✓ Priority event registration – fast-track check-in

Book Leadership Pass

# Sponsorship opportunities

Position your brand in front of key decision-makers through high-impact sponsorship opportunities designed to deliver visibility, engagement, and measurable business outcomes.

- **Venue Branding** – High-impact exposure across key event areas.
- **Digital Sponsorship** – Feature on Nigeria Energy's online platform.
- **Conference Sponsorship** – Align your brand with thought leadership.

> 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




Download 2025 post show report




Download sponsorship brochure

# The Informa Energy Portfolio

informa



Middle East Energy

**Middle East Energy**
1-3 September 2026
Dubai, UAE

middleeast-energy.com

Nigeria Energy

**Nigeria Energy**
27-29 October 2026
Lagos, Nigeria

nigeria-energy.com

Africa Energy

**Africa Energy Expo**
31 August – 2 September 2027
Johannesburg, South Africa

Egypt Energy

**Egypt Energy**
12-14 October 2026
Cairo, Egypt

egypt-energy.com

# 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



**Ade Yesufu**
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## Sponsorship enquiries



**Daria Ziolkowska**
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## Media and partnerships



**Walaa Nourelhuda**
Marketing Executive
Walaa.Nourelhuda@informa.com

## Programme and speaker enquiries



**Titilope Adepoju**
Conference Producer
Titilope.Adepoju@informa.com

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