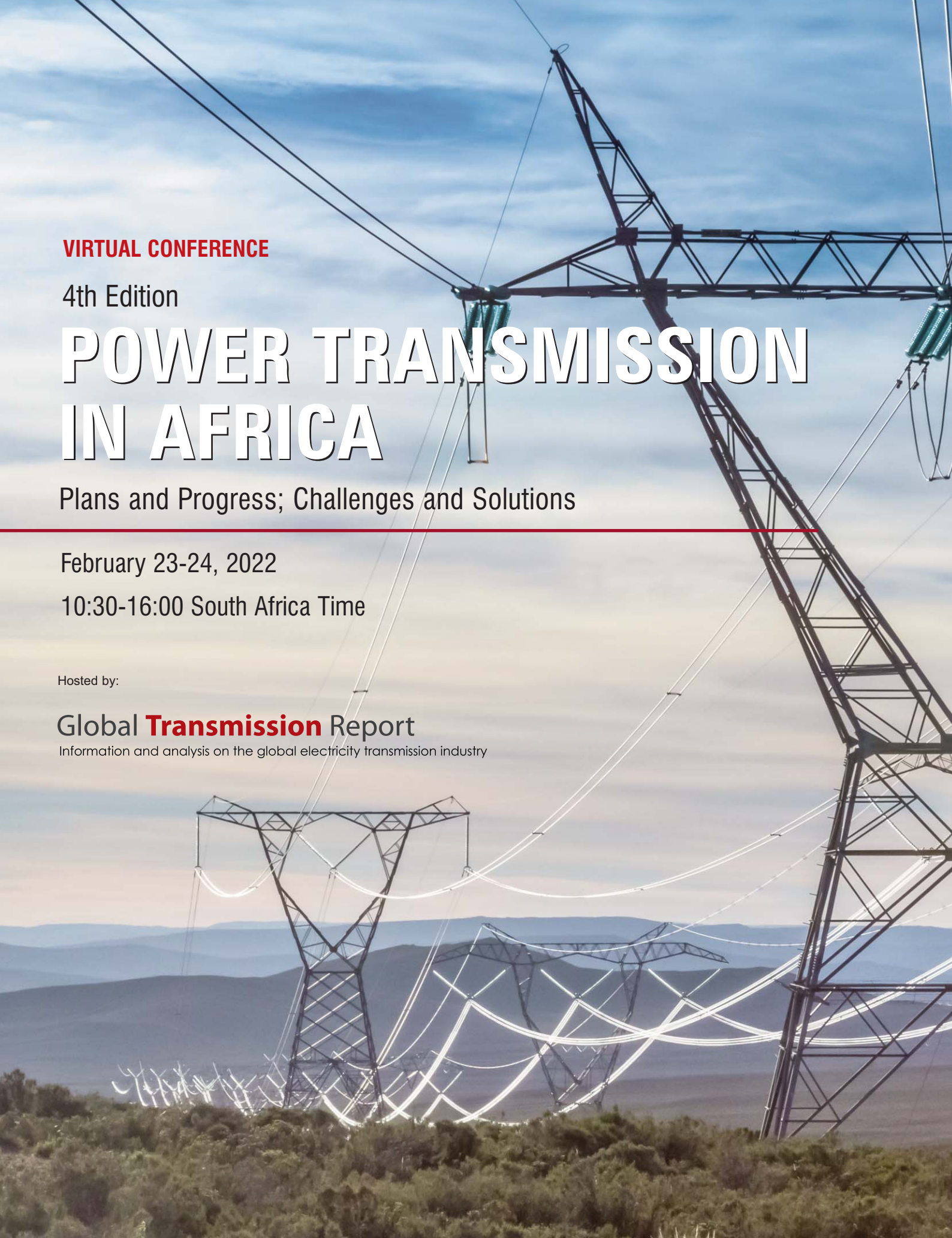




VIRTUAL CONFERENCE

4th Edition

POWER TRANSMISSION IN AFRICA

Plans and Progress; Challenges and Solutions

February 23-24, 2022

10:30-16:00 South Africa Time

Hosted by:

Global **Transmission** Report

Information and analysis on the global electricity transmission industry

MISSION

Availability of reliable supply of energy is critical to unlock Africa's economic growth. While plans and programs to add generation capacities are under way across the region, prioritising the development of a strong and efficient transmission network is imperative to ensure that new generation is not stranded. In addition, creation of regional grids will help unlock the electricity trade potential in the continent and optimise energy costs by sharing resources.

To discuss the plans, challenges and solutions for building a reliable transmission grid in the region, **Global Transmission Report** is back with the **4th annual conference on Power Transmission in Africa on February 23-24, 2022**. The objective of the conference is to highlight the transmission plans and investment opportunities across the region, and to discuss the technological and financing solutions to help create efficient, reliable and modern grids.

The **two-day virtual event** will have **live sessions**, covering relevant topics for all stakeholders in the power transmission space. It will bring together leading utilities, regulators, investors, technology suppliers and solution providers to structure the future of power transmission industry in the region.

KEY BENEFITS FOR PARTICIPANTS

- Get insights into Africa's transmission market
- Discover the key growth markets for transmission
- Get the latest updates on the plans and projects of leading utilities in the region
- Understand the challenges and issues faced by utilities and their expectations
- Know more about utilities' grid upgrade plans, and asset planning and management practices
- Discuss strategies to make grids more reliable and secure
- Explore the latest developments in technologies and equipment, and their relevance to grids in the African region
- Share and learn from industry peers
- Influence industry leaders
- Interact with potential customers and partners

VIRTUAL EVENT BENEFITS

- Live interaction with senior speakers and key stakeholders (Q&A facility)
- Easy connectivity to geographically dispersed delegates (click of a mouse)
- Virtual meetings and interactions with industry peers and leaders
- Cost effective (lower ticket price as compared to a physical conference)
- Flexibility and convenience
- Access to conference recordings to watch later "on demand"

WHO SHOULD LOG-IN?

The conference is targeted at:

- Electric power utilities
- Transmission system operators
- Electric power regulators
- Engineering, procurement and construction companies
- Technology providers
- Equipment manufacturers
- Private investors
- Equity and business analysts
- Engineering and management consultants
- Research and technical institutions
- Lawyers and law firms
- International development agencies

DRAFT AGENDA

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Tentative Agenda: February 23, 2022

10:30-16:00 South Africa Time

Session	Topics	Speakers
Introduction	• Introduction to the conference and welcome remarks	Global Transmission
Country plans and utility perspective	• Investment and network expansion plans of key African countries • Priority areas for utilities for the next few years • Key initiatives under way for the development of the transmission network • Q&A with the panel	Utilities Transmission network developers Regulators
Transmission lines and towers	• New and emerging towers designs and conductor technologies • New solutions and techniques for the construction and stringing of transmission lines • Use of aerial technologies – drones, UAV and helicopters – in the design and construction • Utility experience • Q&A with the panel <i>This session will cover new tower designs (such as multi-circuit towers, monopoles), conductor technologies (HTLS, XLPE, HPC, green conductors) and software solutions for line design and construction.</i>	Utilities EPC companies Technology providers
Modern substations	• Emerging technologies (digital, smart, energy efficient, remote monitoring, etc.) in the high voltage substation segment • Utility experience and plans in the adoption of these technologies • Key drivers or challenges in adoption of these technologies • Q&A with the panel	Utilities Equipment manufacturers Technology providers
Transmission financing and role of private sector	• PPP opportunities in transmission • Experience and lessons from other regions • Relevant models for financing grid expansion • Role of development and financial institutions	Utilities Financial institutions Regulatory authorities
Role of energy storage	• Initiatives to promote energy storage in the region • Role and relevance of energy storage for utilities • Utility plans for energy storage to address network issues • Q&A with the panel	Utilities Technology providers Energy storage companies

End of Day 1

DRAFT AGENDA

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Tentative Agenda: February 24, 2022
10:30-16:00 South Africa Time

Session	Topics	Speakers
Recap of Day 1	Recap of Day 1 and introduction to Day 2	Global Transmission
Policy and regulation	Policy measures planned/underway to reform the electricity sector in African countries	Regulatory authorities
	Recent regulatory developments in the power sectors	Consultants
	Key unaddressed policy and regulatory concerns	
	Q&A with the panel	
Advanced grid technologies	Latest technologies and solutions for improving grid reliability and capacity, and managing congestion	Utilities
	Issues/Challenges in the adoption of these technologies/solutions	Equipment manufacturers
	Project case studies	
	Q&A with the panel	
<i>This session will cover technologies such as HVDC, FACTS, STATCOMS, DLR, phase shifting transformers, GIS, hybrid switchgears, and software for grid visualisation and optimisation, etc.</i>		
Smart grid and digitalisation potential	Utility plans for smart grids	Utilities
	Solutions for modernising the grid	Technology providers
	Benefits of digitalisation for utilities	Consultants
	Q&A with panel	
Asset management	Asset management practices of utilities	Utilities
	Emerging technologies and solutions for asset management	Technology providers
	Role of digitalisation in asset management	
	Best practices for O&M of transmission assets	
	Q&A with the panel	
Regional interconnections and power exchange	Efforts and approaches to establishing regional power markets	Consultant
	Status of key grid interconnection plans	Utilities
	Policies and regulatory frameworks needed for economic power exchange	Industry associations
	Q&A with the panel	Regional power authorities
End of Conference		

ABOUT THE ORGANISERS

Global Transmission Research is a leading provider of information and analysis on the global electricity transmission industry. We publish newsletters and market intelligence reports, offer custom research and advisory services, and organise thematic conferences on crucial and topical issues relevant to the industry.

Our leading products – Global Transmission Report (a monthly newsletter), Global Transmission Weekly (a weekly update), and www.globaltransmission.info (website) – keep you informed on key developments, trends and issues in the industry. Our industry-focused research reports provide decision-makers with the latest data, insights and analysis on policy, regulations, market size, projects, investment plans, market forces and drivers, players and the competitor landscape, as well as growth forecasts and the outlook for important industry segments. In addition, we undertake custom research mandates to serve the specific needs of our clients and help them identify definite opportunities and markets, and assess their competition. We track developments in over 100 countries across all regions to ensure reliable and actionable research.

We also publish industry-focused research studies such as the Global Electricity Transmission Report and the Global High Voltage Transmission Projects Report. The first report describes the existing state of, and the expected growth in, the electricity industry across the globe in terms of generation and transmission capacity. The second report features detailed profiles of key high voltage transmission projects either under construction or planned to be built by 2020 in over 90 countries across the globe.

We have served over 300 clients since 2008. Our clients include leading organisations across the world such as 3M, ABB, AIC-USA, Alberta Electric System Operator, AltaLink, American Transmission Company, Anbaric, Apache Powerline Consulting, ATCO, Balfour Beatty, Bechtel, Berkshire Hathaway Energy, BKW FMB Energie AG, Boston Consulting Group, Brookfield BRP Canada, Brugg Kabel AG, Cardiff University, CH2M HILL, CIMA+, Cooper Power Systems, CTC Global, CTEEP, Doble Engineering, Dow Chemicals, EDF, EFACEC, El Sewedy Cables, Elia, Energinet.dk, Erickson, Ernst & Young, ESB International, Eskom, Esri, EU GIG OÜ, European Investment Bank, FirstEnergy, G&W Electric, GE Energy, GeoDigital International, Hatch, Hubbell Power, Hydro-Québec TransÉnergie, Hyosung, Hyundai Heavy Industries Co. Ltd., Iberdrola Ingeniería y Construcción, International Energy Agency, ISA Interconexión Eléctrica, J P Morgan, KEC International, KEMA, KfW IPEX-Bank GmbH, Kinectrics, L.E.K. CONSULTING, LOCWELD, LS Cable and System, MacLean Power, Maxwell Technologies, MidAmerican Energy Holdings Company, Mott MacDonald, MWB Shanghai, National Contracting Company, NATIONAL GRID, Nexans, Nexant, nkt Cables, North American Substation Services, PFISTERER, PJM Interconnection, PLC International, POSCO DAEWOO AMERICA, POWER Engineers, Power Grid Corporation of India, Pöyry, PPC Insulators, Preformed Lined Products, PwC LLP, Quanta Services, Red Eléctrica de España, Rede Eléctrica Nacional SA, Reliance Energy, SaskPower, SBB INTERNATIONAL, Sediver, SEL Inc., SGRI NORTH AMERICA, Siemens, Skadden Arps Slate Meagher & Flom LLP, SNC Lavalin, Southwire, State Grid International Development, Statnett, Sterlite Technologies, Swissgrid, Terna, Teshmont Consultants, The World Bank, Thomas & Betts, Timberland Equipment, Tokyo Electric & Power, Tractebel Engineering, Trade Wind, TSE INTERNATIONAL, Valmont Utility, Vattenfall, Worldenergy SA, Xcel, etc.

PARTICIPANTS

Key participating organisations at our previous African conferences included: ABB, AECOM, African Development Bank, African Infrastructure Investment Managers, Altec, AT Kearney, AUDA-NEPAD, Avaco International, Boston Consulting Group, Bushveld Energy, City Power, COBRA INSTALACIONES Y SERVICIOS, Consolidated Power Projects Group SA, Council for Scientific and Industrial Research, CSL Silicone, CTC Global, Electricidade de Moçambique, European Investment Bank, Electricity Regulatory Authority of Uganda, Energys Cables, EPRI International Inc, Electricity Supply Corporation of Malawi Limited, Eskom Holdings SOC, Eskom Line Engineering Services, Eskom on CIGRE-World Bank Initiative, Electricity and Water Utilities Regulatory Authority of Tanzania, Fichtner GmbH & Co. KG, First National Battery, Ganges Internationale, General Electric, GIG Group, Global Transformers & Switchgears Fzco, GOPA - International Energy Consultants GmbH, Ghana Grid Company, GW Lifting and Engineering/Zeck GMBH, HOPS d.o.o., International Energy Agency, Investec, Kalpataru Power Transmission Limited, Kenya Electricity Transmission Company Limited, KfW Development Bank, L&T Construction, LAMCO Industries Private Limited, Lindsey, McKinsey & Company, Mitas Industry Inc., Nile Equatorial Lakes Subsidiary Action Program, National Energy Regulator of South Africa, Nile Basin Initiative, Norfund, OptiPower, PFISTERER Kontaktsysteme GmbH, Power Africa, Power Grid Corporation of India Limited, Proef, RIBE, Ricardo Energy & Environment, Southern African Power Pool, SEDIVER, SGB-Smit Power Matla, Siddhartha Engineering Limited, Skipper Limited, Sonelgaz Standard Bank South Africa, Sterlite Power Transmission Limited, Super Grid Institute, Terna Plus srl, Tesmec SA, Tokyo Rope International Inc, Tractebel, Transformers & Rectifiers India Limited, Tridelta Meidensha GmbH, Uganda Electricity Generation Company Limited, USAID, ZESCO Limited, etc.

DELEGATE REGISTRATION

	Price before December 17, 2021	Price before January 21, 2022	Standard Price
1 Login	USD 245	USD 298	USD 350
2-3 Logins	USD 392	USD 476	USD 560
4-5 Logins	USD 539	USD 655	USD 770
6-9 Logins	USD 686	USD 833	USD 980
10-20 Logins	USD 833	USD 1,012	USD 1,190
Special category delegates*		No fee	

*African government agencies, transmission corporations, utilities, regulatory authorities and academia and research institutions.

SPONSORSHIP

As our sponsoring partner at the virtual event, you will receive the following benefits:

- A 10-15 minute presentation slot (presentation should be relevant and not just a sales-pitch)
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slide/waiting room
- Special mailer to our database announcing your participation with details about your company/products
- Sponsor company mentioned in each promotional mailer
- Mentions in social media posts including a post on the speaker from your company
- Mention in the virtual event opening and closing remarks
- 6-9 participant logins for the employees
- Opportunity to interact virtually with the top officials in the power transmission industry
- Available on a first-come, first-served basis.

The sponsorship fee is USD 2,500 and USD 5,000 for the two packages.

PAYMENT OPTIONS

To make payments, please visit:

<https://cvent.me/eOaL2G>

All credit card payments will be subject to standard credit card charges

TERMS AND CONDITIONS

Payment Policy

- Full payment must be received prior to the conference in USD.

Cancellations

- Cancellations received in writing 30 days (January 24, 2022) before the date of the conference will receive a full refund, minus a service charge/administration fee of USD 35. We regret that no refunds will be made for any cancellations received less than 30 days prior to the conference.
- Substitutions/name changes are welcome at no extra charge. Please send these in writing at least two days prior to the conference.
- **Disclaimer:** *Global Transmission shall assume no liability whatsoever in case the event is postponed or cancelled due to a fortuitous event or unforeseen occurrence that renders the performance of this conference impracticable, illegal or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labour strike, extreme weather or other emergency. Global Transmission's responsibility is limited to return of the registration fee only and is not liable for any other cost.
- Please note that it may become necessary for reasons beyond the control of the organisers to make alterations to the content and timing of the programme or speakers.

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