

2nd ANNUAL CONFERENCE (VIRTUAL)

OFFSHORE WIND TRANSMISSION APAC

PLANS, OPPORTUNITIES AND TECHNOLOGY

April 12-13, 2022 | 11:00-16:00 Singapore Time

Hosted by:

Global **Transmission** Report

Information and analysis on the global electricity transmission industry

Supported by:

SOUTHEAST ASIA
INFRASTRUCTURE

MISSION

The global offshore wind market is experiencing an explosive growth. While Europe has been the leader in this industry, Asia Pacific region offers a huge potential. Buoyed by ambitious clean energy policies and commitments to ensuring energy security, Asia Pacific is poised to be the frontrunner over the coming decade in the offshore wind industry.

However, several issues need to be addressed. One of the key challenges is building the related transmission infrastructure, both offshore and onshore. Creation of a robust transmission system is critical in meeting the ambitious offshore wind targets in the region.

Join us at our 2nd annual conference on **Offshore Wind Transmission APAC** being held virtually on **April 12-13, 2022**. The objective of the conference is to present the offshore wind opportunities in Asia Pacific, discuss strategies, and explore technologies and solutions for connecting upcoming projects to the grid.

The event will highlight current developments and discuss the challenges in achieving the targets. It will also showcase technology options, optimal network configurations, and advances in offshore grid infrastructure solutions for the upcoming projects.

The event will bring together policymakers, regulators, developers, utilities, technology providers and industry experts to share their perspectives, learnings and possible solutions for ensuring the needed transmission infrastructure is in place.

WHO SHOULD ATTEND?

The event is expected to draw participation from executives, managers, and decision-makers from:

- Offshore wind farm developers and prospective investors
- Electric power utilities
- Transmission project developers
- Electric power regulators
- Government agencies
- Policy developers
- Transmission technology providers
- Equipment manufacturers (subsea cables, substations, structures, etc.)
- Engineering, procurement, and construction companies
- Engineering and technical consultants
- Management consultants
- Legal consultants and lawyers
- Industry observers and experts
- Equity and business analysts
- Research and technical institutions

WHY ATTEND?

Key benefits for participants:

- Find out about the plans for the development of offshore wind in the Asia Pacific region
- Learn about the latest developments and procurement programs for offshore wind in the region
- Analyse these markets in terms of business and investment opportunities
- Listen to the TSOs on issues and optimal solutions in building and integrating large-scale offshore wind
- Hear from the project developers on the challenges they foresee and learn from their experience
- Evaluate key success factors for offshore projects – technology, regulations, contractual arrangements, etc.
- Discuss how to build system flexibility for next wave of procurements and its impact on current network design
- Gain insights into environmental and permitting issues in developing offshore transmission infrastructure
- Explore the best technology solutions for offshore transmission infrastructure in the Asia Pacific region
- Review the advances in technology and equipment and their relevance for the upcoming projects
- Engage in stimulating discussions and deepen your knowledge with targeted questions
- Virtually network with speakers, panellists and peers, and develop contacts with potential customers, partners and collaborators

TENTATIVE AGENDA

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Day 1: Tuesday, April 12, 2022

Time	Session
10:00–11:00	Login and Welcome Remarks
11:00–12:00	Offshore wind – tapping the vast potential in APAC ❖ Latest developments and key drivers for OSW development in APAC ❖ Key markets for OSW ❖ Addressing major barriers ❖ Implementing mechanisms to achieve the targets
12:00–13:30	Policies, plans and opportunities ❖ Plans and programs for the expansion of OSW in key markets ❖ Key developments, policies, and regulations for OSW in these markets
13:30–14:00	Break
14:00–15:00	Optimal transmission technology ❖ Technology options for offshore transmission infrastructure ❖ Optimal technology for connecting OSW projects ❖ Optimal network configurations, HVAC vs HVDC
15:00–16:00	Subsea cables and their O&M and protection ❖ Advances in subsea cables for OSW farm connections ❖ Cable installation challenges ❖ Latest innovations in cable monitoring and protection
16:00	End of Day 1

Note: This is a tentative agenda. Timings and topics of some sessions may change as we move closer to the date of the event.

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Day 2: Wednesday, April 13, 2022

Time	Session
10:00–11:00	Login, Recap of Day 1 and Introduction to Day 2
11:00–12:30	Developers' plans and perspectives ❖ Plans of leading developers ❖ Transmission needs for new projects ❖ Challenges and issues perceived by OSW developers in building electrical grids ❖ Solutions to overcome these issues and learnings from early projects
12:30–13:30	Planning and designing grid integration ❖ Interconnection challenges for offshore wind ❖ Design considerations in integrating OSW farms to the onshore grid ❖ Optimal grid planning for future projects ❖ Innovative solutions for future offshore grids
13:30–14:00	Break
14:00–15:00	Floating OSW opportunity in APAC ❖ Plans and developments in the floating OSW industry ❖ Unique requirements for electrical systems for floating OSW projects ❖ Key challenges in integrating floating OSW projects ❖ Technical advancements to address these issues
15:00–16:00	Financing offshore wind ❖ Offshore wind investment needs ❖ Investor perspective and outlook on funding ❖ Lessons learned in other markets that could apply to APAC region
16:00	End of the Conference

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ABOUT THE ORGANISERS

Global Transmission Report 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 reports provide the latest data, insights and analysis on the transmission industry in over 100 countries to ensure reliable and actionable research.

We recently published the **2nd edition** of our **Offshore Wind Transmission Report** which covers the projects and plans for the development of offshore wind energy and the related transmission infrastructure in close to 30 countries across the world.

Our conferences are one to two-day thematic events with focused sessions and discussions featuring speakers with vast experience and expertise. In the past, we have organised nine conferences on offshore wind transmission in the US, Europe and APAC. These conferences received a strong response from speakers and delegates alike.

OUR PREVIOUS OWT CONFERENCES INCLUDE:

- ❖ Second Conference on Baltic Offshore Wind Transmission, October 11-12, 2021, Warsaw
- ❖ Fifth Conference on Offshore Wind Transmission US, September 21-22, 2021, New York
- ❖ Second Virtual Conference on Offshore Wind Transmission, Europe, May 11-12, 2021
- ❖ Virtual Conference on Offshore Wind Transmission in APAC, April 14, 2021
- ❖ Fourth Conference on Offshore Wind Transmission, US, September 23-24, 2020
- ❖ Virtual Conference on Offshore Wind Transmission, Europe, July 28-29, 2020
- ❖ Third Conference on Offshore Wind Transmission, US, September 18-19, 2019, The Westin, New York
- ❖ Second Conference on Offshore Wind Transmission US, September 17-18, 2018, Andaz Wall Street, New York
- ❖ First Conference on Offshore Wind Transmission US, May 23, 2018, The Hilton Midtown, New York

PREVIOUS PARTICIPANTS

Some of the organisations that participated at the 1st edition of our Offshore Wind Transmission, APAC conference include:

ADNOC Group, Advanced Oilfield Technology Company, Angus Consulting Engineers, Aries Group, Atkins, Atlantic, Gulf & Pacific Company, AurorePro, AWS Truepower, BC Hydro, Black & Veatch, Canadian Solar, China Electricity Council, CM Group International Technology, Continuum Industries, Correll Services, DEEPBLUE, Desapex, Development Bank of Japan, Digital Law, DNV Energy Systems Germany, Dodsall E & C, Doosan Power Systems, Dulam International Limited, E1 Corporation, Eaton, Eclerx, Ecomobius, EcotechTra Vinh Renewable, Electricity of Vietnam Group, Elia Grid International, ENGIE, Essar Constructions, Evergreen Renewables, ExxonMobil, Flotation Energy Plc, GE Renewable Energy, Global Wind Energy Council, Green Giraffe, Green Power Investment Corporation, Halliburton, Hempel, Hitachi ABB Power Grids, Hydratight, Infosys, Iberdrola, Inoxwind Ltd, International Renewable Energy Agency, KBR/Energo Engineering, Kearney, Larsen & Toubro, Lincoln Electric, Linklaters, Linxon, Mainstream Renewable Power, Manila Electric Power Company, MaREI Centre, McDermott International, Ministry of Economic Affairs (Taiwan), Ministry of Industry and Trade (Vietnam), National Power Corporation (Philippines), National Institute of Wind Energy, Nearthlab, Nexhs Renewables, Omnisens, OW Ocean Winds, OWC Ltd, Pacifico Energy K.K., Petrofac Emirates, POSCO E&C, Powerchina Huadong Engineering Corporation, PT JGC Indonesia, PT Lims Nautical Shipyard, PT Petrotechindo Utama, PT Sembawang Marine Offshore and Engineering, Renewables Consulting Group, RHTLaw Vietnam, Right Renewable Tech LLP, RÖNESANS HOLDING, Saipem, Schlumberger, SCOR RE, Sembcorp Marine Ltd, Siemens Energy, Siemens Gamesa Renewable Energy, SkyX Solar, SNC-Lavalin, SocieteGenerale Corporate and Investment Banking, Star Service LLC, Sumitomo Electric, SuperGrid Institute, Suzlon Energy Limited, Swancor Renewables, Taiwan Power Company, Technip, Tekmar Energy, The Hong Kong Electric Company, Thermax Babcock & Wilcox Energy Solutions Private Limited, Tokyo Electric Power Company, Total Eren, TPI Composites, Vestas, Vysus Australia, Wind Pioneers, World Forum Offshore Wind, Worley, WSP International, etc.

DELEGATE FEE

Delegates	Price before February 25, 2022	Price before March 25, 2022	Standard Fee
1 Login	USD280	USD340	USD400
2-3 Logins	USD450	USD550	USD650
4-5 Logins	USD630	USD765	USD900
6-9 Logins	USD800	USD970	USD1,150
10-20 Logins	USD980	USD1,190	USD1,400
Special fee*		No fee	

*Fee for Asian ministries, regulatory authorities and government utilities.

SPONSORSHIP

As our partner at the event, your company will receive the following benefits:

Option 1: Sponsorship Fee of USD 2,500

- 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
- Sponsor company mentioned in each promotional mailer
- Mention 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

Option 2: Sponsorship Fee of USD 5,000

- A 10-15 minute presentation slot (presentation should be relevant and not just a sales-pitch)
- Moderating a panel discussion between industry experts
- 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
- Sponsor company mentioned in each promotional mailer
- Mention in social media posts including a post on the speaker from your company
- Mention in the virtual event opening and closing remarks
- 10-20 participant logins

These are available on a first-come, first-served basis.

TERMS AND CONDITIONS

Payment Policy

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

Cancellations

- Cancellation requests received in writing 30 days before the date of the conference will be eligible for a full refund, minus a service charge/administration fee of USD 40. We regret that no refunds will be made for any cancellation requests 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 Research shall assume no liability whatsoever in case the conference is postponed or cancelled due to a fortuitous event or unforeseen occurrence that renders its organization impractical, illegal or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency. Global Transmission Research's responsibility is limited to the return of registration fees only, and not any travel and accommodation costs.
- Please note that it may become necessary for reasons beyond the control of the organizers to make alterations to the content and timing of the program or speakers.

CONTACT US

For registration and sponsorship opportunities:

Prakirti Prakhar, Global Transmission Research
Email: prakirti.prakhar@globaltransmission.info
Mobile: +44 20 8144 6970

Riddhi Misra, Global Transmission Research
Email: riddhi.misra@globaltransmission.info
Mobile: +1 347 696 1048

For speaker participation opportunities:

Richa Chakravarty, Global Transmission Research
Email: richa.chakravarty@globaltransmission.info
Mobile: +1 646 583 2423

Anchal Mittal, Global Transmission Research
Email: anchal.mittal@globaltransmission.info
Mobile: +91 98100 16804

To register, email us to: registration@globaltransmission.info or visit us at www.globaltransmission.info

PAYMENT OPTIONS

To make payments, please visit:

<https://cvent.me/M88dNK>

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