



VIRTUAL CONFERENCE

GREEN HYDROGEN US

PRODUCTION, TRANSPORT AND STORAGE

May 25-26, 2021 | 11:00 to 17:00 Eastern Time

Hosted by:

Global **Transmission** Report

Information and analysis on the global electricity transmission industry

Supported by:

REGLCBAL

Analysis and perspective for CXOs

MISSION

Technology advancements and demonstrated competencies in pilot projects have captured a clear investor interest in green hydrogen. 2021 is already shaping up to be a defining year for green hydrogen with a flurry of deals in recent months. With the right support from policymakers, green hydrogen has the potential to become a key component of the US energy mix over the coming decades.

In this context, **Global Transmission Report**, with support from **REGlobal**, is organizing a **virtual conference on Green Hydrogen US** on **May 25-26, 2021** to highlight plans and opportunities in the production, transport and storage of green hydrogen.

The two-day online event will bring together policymakers, utilities, renewable energy developers, oil and gas infrastructure companies, technology providers, industry experts and investors to present their perspectives, discuss early projects, and offer possible solutions in shaping the future of green hydrogen. It will provide a platform to discuss and analyze the critical decisions needed to unlock the potential of green hydrogen in the US energy transition strategy.

Leading developers will showcase projects and present plans for producing green hydrogen. The development of large-scale electrolyzers to be deployed at hydrogen production plants is expected to produce cost-competitive green hydrogen in the near future. Technology providers will describe their innovations and solutions for ramping up the production of green hydrogen.

While the production of green hydrogen has captured the much-needed political and industry support, transport and storage of green hydrogen pose a huge challenge in the future. To address these issues, experts will present their solutions to build the needed infrastructure for transporting and storing green hydrogen.

The event will also feature dedicated sessions to discuss what's needed to build commercial-scale projects and explore the options and investor interest in financing these projects.

WHO SHOULD LOG-IN?

- Green hydrogen developers
- Electric power utilities
- Policy developers and regulators
- Gas and electricity transmission system operators
- Renewable energy developers and prospective investors
- Government agencies and associations
- Technology providers
- Engineering and technical consultants
- Management consultants
- Legal consultants and lawyers
- Industry observers and experts
- Equity and business analysts
- Research and technical institutions

WHY LOG-IN?

- Learn about the latest plans and policies for the development of a green hydrogen economy
- Discover key markets leading the green hydrogen revolution and capture opportunities
- Get up-to-date information on current projects and pilots
- Understand growth potential of green hydrogen
- Evaluate key success factors for developing commercial-scale hydrogen projects - technology, regulatory challenges, etc.
- Know how to ramp-up investment in green hydrogen
- Recognise investment risks and explore possible financing options
- Discuss how to build green hydrogen transport and storage network
- Hear the perspectives of existing oil and gas infrastructure companies
- Explore the best technology solutions for hydrogen production
- Review the advances in technology and their relevance for the upcoming projects
- Understand the unique engineering and construction issues in building green hydrogen production plants
- Identify the challenges for newcomers in this rapidly evolving industry
- 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 Conference Program (More details coming soon)

Day 1: Tuesday, May 25, 2021

Green hydrogen's potential and opportunities

- Establishing green hydrogen as a new source of energy
- Opportunities and challenges in meeting climate goals
- Addressing major barriers and implementing mechanisms to speed up green hydrogen economy

Policies, plans and strategies for promoting green hydrogen

- Role of green hydrogen in meeting climate neutrality goals by 2050
- Initiatives and plans of federal and state governments

Green hydrogen - perspective and plans of project developers

- Plans for green hydrogen production from solar and wind energy resources
- Encouraging investment in scaling-up green hydrogen production
- Perspective of leading developers

Promising technologies for green hydrogen production

- Large-scale electrolyzers - the key to commercialisation of green hydrogen production
- Technology update and advanced projects
- Latest research on standardising designs and improving efficiencies
- Plans for ramping-up manufacturing capacities

Building commercial-scale projects - what's needed?

- Improving the economics of green hydrogen
- Right regulatory signals for bankable auctions and tenders
- Capex requirements, expected returns and mechanisms to reduce costs
- Lessons from recent issues and solutions to de-risk project development
- New business models for investing in the green hydrogen economy
- What else is needed and can be achieved?

Day 2: Wednesday, May 26, 2021

Building green hydrogen transport network

- Repurposing oil and gas infrastructure - utilising and optimising existing network for transporting green hydrogen
- Plans and proposals for expanding infrastructure
- Building an optimal supply backbone in the long-term

Green hydrogen storage

- Storing green hydrogen safely
- Hydrogen's potential to manage seasonal storage issues
- Using green hydrogen for grid balancing services
- Pilots and case studies of early projects

Financing green hydrogen projects

- Emerging financing options and institutional support
- Addressing financial and commercial risks to make projects bankable
- Are lenders ready to commit?
- What's needed to boost investment in green hydrogen?
- How can financiers get involved - perspective of early investors

Green Hydrogen Case Studies

- Showcase of projects and pilots
- Objective and scope of these projects
- Analyse project success factors

What's next - the way forward for green hydrogen

- Emerging trends, barriers and outlook
- Addressing the challenge of expanding production and transport infrastructure
- Building a hydrogen supply chain to meet future demand
- Regional and international cooperation in promoting the green hydrogen industry

ABOUT THE ORGANIZERS

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

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 six conferences on offshore wind transmission in the US and Europe. These conferences received a strong response from speakers and delegates alike.

About REGlobal

The mission of REGlobal is to provide global, high-level analysis and perspective on issues related to renewable energy that are of interest and relevance to CXOs working with energy developers, electricity utilities, technology providers, investors, regulators, policymakers and other concerned organizations.

REGlobal features analysis of key trends and major developments, interviews with top managers and officials, opinion of leading experts and a rich knowledge centre. It covers a wide range of issues and topics including but not limited to markets, technology, policy and finance. The primary focus is on all forms of renewable energy but, when relevant, it also examines trends related to other sources of energy.

SOME OF OUR CLIENTS



PREVIOUS PARTICIPANTS

Some of the organizations that participate at our Offshore Wind Transmission, US conferences include:

ABB; Accenture; ACES; ACS Industrial North America; AECOM Power E&C, Inc; Aeronex; Anbaric; A&P Group; AP Sensing Americas; ASME; Atlantic Shores Offshore Wind; Avangrid; Avanzia; Bandor; Bank of America Merrill Lynch; Bechtel Infrastructure; Beta Engineering; Black & Veatch; Board of Public Utilities; Bristow Group; Brookfield Renewable; Bureau of Ocean Energy Management; Bureau of Safety and Environmental Enforcement (BSEE); Burns & McDonnell; Caldwell Marine International; California Energy Commission; Carson Corporation; Castle Power Solutions; Cavallo Energy LLC; Central Hudson; Charles River Associates; Citi; Clean Energy States Alliance; Climate Jobs NY; Commonwealth of Virginia; Consolidated Edison; Consulate General of Denmark; Continuum Associates LLC; Copper Development Association; Day Pitney LLP; Deep Down Inc.; Department of Energy; Diamond Transmission Corporation; DNV GL; Dragados; Duke Energy Transmission Holdings; Durocher Marine; E.ON; Ecology and Environment; EDF Renewables, Inc.; EDP Renewables Offshore, North America LLC; Enbridge; EnBW North America; Epp Consulting; EPRI; ESS Group; Eversource Energy; ExecuPOWER LLC; Exelon; First Line Associates; FirstEnergy Service Corporation; French and Parrello Associates; Freudenberg Oil & Gas Technologies; General Electric; Global Marine Group; Green Giraffe; Grupo Cobra - North America; GTA, Inc.; Hatch; Haugland Energy; Hecate Energy LLC; Holland Home of Wind Energy; Holland & Knight LLP; Hudson Energy Development; Innogy; Irizar Forge; ITP Energised; J.F. Gray & Associates, Inc.; Jingoli Power; JT Cleary, Inc.; K2 Management; Kiewit; Kingdom of the Netherlands; Linklaters; LS Power Development, LLC; M&I Materials; Manitoba Hydro International; Maryland Energy Administration; Massachusetts Clean Energy Center; McKinsey & Company; Merkur Offshore GmbH; Michael Baker International, Inc.; Mitsubishi Electric Power Products; Mortenson; National Grid; New Jersey Board of Public Utilities; New York Power Authority; New York State Energy Research and Development Authority; New York State Iron Workers District Council; Nexans; North Carolina Department of Commerce; Northland Power; Norton Rose Fulbright; Norwegian Consulate General in New York; Norwegian Energy Partners; NV5; NY Green Bank; Oatfield LLC; Offshore Power LLC; Ontario Teachers' Pension Plan; Ørsted; Oxford Said Business School; Pfisterer North America; PJM Interconnection; Power Advisory; Powerbridge; PSE S.A.; PSE&G; Royal Advisors & Consultants; RPS; RWE Renewables Americas, LLC; Sargent & Lundy; Seamar; Selco Manufacturing Corp.; Semco Maritime; Shell New Energies; Siemens; Sive, Paget & Riesel; Skadden; SNC-Lavalin; sPower; Sterlite Power Transmission; Sumitomo Electric; TC Energy; TenneT TSO GmbH; Teshmont Consultants LP; Tetra Tech; The Brattle Group; The Business Network for Offshore Wind; Transmission Investment; Troutman Sanders; Tully Environmental Inc.; U.S. Department of Energy; Union of Concerned Scientists; Unistress Corporation; University of Illinois at Urbana-Champaign; University of Maine; University of Massachusetts, Lowell; USGRDCO; Vineyard Power Cooperative; Watson, Farley & Williams; White Dog Strategies, LLC; Whitman Consulting Group; Worley; WSP USA; Xero Energy Limited; etc.

SPONSORSHIP

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

- *A 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*
- *Opportunity to interact virtually with the top officials in the industry*

Available on a first-come, first-served basis.

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DELEGATE FEES

Delegates	First Discount (March 31, 2021)	Second Discount (May 5, 2021)	Standard Price
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*	USD125	USD150	USD180

*Government agencies, regulatory authorities, academia and research institutions.

PAYMENT OPTIONS

To make payments, please visit:
<https://cvent.me/9KVOW4>

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 before the date of the conference will receive a full refund, minus a service charge/administration fee of USD40. **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 cost in relation to travel and accommodation.
- 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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