Program

October 10, 2023

Hybrid Event **Collaboration in the North Sea Powerhouse**

Energy Security

Technische Universität Stuttgart

About this Event

With the signing of the Esjberg declaration in May 2022 by Belgium, Denmark, Germany and the Netherlands collaboration in the North Sea has become reality. A joint target has been set to deliver at least 65 GW offshore wind power by 2030 and to increase capacity to at least 150 GW by 2050. With this great ambition they will be able to deliver half of the green offshore wind power required by the EU in 2050 in order to reach the objective of climate neutrality.

Collaboration North Sea Powerhouse Germany Energy Security

Offshore Wind from the North Sea becomes increasingly important in the future generation mix of the Energy Transition for central and northwest Europe. There are several advantages of Offshore Wind from the North Sea such as the much higher yield due to more constant production or higher full load hours compared with onshore wind generation. New offshore networks provide potential connections to multiple electricity markets of the North Sea coastal countries. Will this be sufficient to grant in future the same level of Energy Security as we enjoy today with still high content of fossil generation, in the context of the EU targets to decarbonize the electricity sector?

In a series of three Cigre events in North Sea coastal countries we take a closer look at the North Sea as future Powerhouse for Europe. In this last event we will focus on the contribution and challenges of Energy Security. Can the significant higher yield and potential international multiterminal connection ensure same level of resilience in security of supply as today?

We are looking forward on October 10th 2023 to an interesting program on this topic with six experienced speakers. Join us either in person at Stuttgart or online.

We thank our sponsor

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WEBSITE

VDE DK-CIGRE

Program (Technische Universität Stuttgart, Tiefenhörsaal M17.02)

10:00 **Welcome and Introduction**
Christine Schwaegerl, Professor
Technische Hochschule Augsburg
Wilfried Breuer, CEO Maschinenfabrik Reinhausen GmbH, Regensburg
Chair of German National Committee

10:05 **Securing energy supply as task of TSO**
Tim Meyerjürgens, TenneT Holding B.V., Bayreuth

10:30 **The top offshore wind challenges post energy crisis**
Peter Frohböse, DNV Energy Systems Germany GmbH, Dresden

10:55 **System integration of offshore wind parks as an key enabler for energy security – a developer's viewpoint.**
Stephan Wachtel, Orsted Germany GmbH, Hamburg

11:20 **Coffee Break**

11:35 **InterOPERA: Grid-Forming for Multi-Terminal HVDC Grids**
Taoufik Qoria, GE Vernova, Berlin

12:00 **Offshore wind development trends and the role of transmission and interconnection**
Holger Grubel, EnBW AG, Karlsruhe

12:25 **CAMPFIRE partner alliance: green ammonia technology development for a future hydrogen economy**
Angela Kruth, Leibniz INP Greifswald

12:50 **Closing remarks**
Christine Schwaegerl, Professor
Technische Hochschule Augsburg
Wilfried Breuer, CEO Maschinenfabrik Reinhausen GmbH, Regensburg
Chair of German National Committee

12:55 **Lunch Break**

Registration & Participation

Hybrid event: Participate on-site or online.

Participation is free of charge. Registration possible via the online registration platform **until October 5, 2023, 23:59:00 CEST**.

Therefore please register early using the online registration: **Register here**

You will receive the registration confirmation by e-mail.

Virtual participation

Shortly before the event you will receive a link to the live stream.

Until September 15, 2023, you can easily switch from an on-site to a virtual participation. A virtual to an on-site participation is only possible if seats are still available.

Cancellation

If, contrary to expectations, you are not able to attend the event, please inform us via e-mail: vde-conferences@vde.com.

Venue

Technische Universität Stuttgart
Tiefenhörsaal M17.02
Keplerstraße 17, 0174 Stuttgart

Hotels Information & Booking

We are pleased to welcome you in Stuttgart with negotiated discounted rates. Accommodation will be sold on a first come, first served basis. Book now to avoid disappointment and secure your discounted rate!

Book here:
https://www.stuttgart-tourist.de/cigre-2023

Your contact

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