Webinar on

How to manage the interoperability challenge in multi-vendor HVDC systems

An optimised onshore and offshore grid architecture is essential for the integration of renewable energy in the European power system. To become climate-neutral the EU needs 300 GW of offshore wind by 2050. The interoperability of multi-terminal and multi-vendor HVDC systems is essential to achieve this.

ENTSO-E, **T&D Europe** and **WindEurope** have teamed up to tackle the challenge of HVDC interoperability in offshore wind development. We are pleased to publish a joint report on "**The development of multi-vendor HVDC systems and other power electronics interfaced devices**". It sets out our views on the technology options to deliver multi-terminal, multi-purpose HVDC systems integrating multiple converter stations from a variety of technology providers.

On 21 June, the three associations organise a webinar to go through the outcomes of this joint workstream. A panel session will allow ENTSO-E, T&D Europe and WindEurope to discuss their perspectives on HVDC interoperability with a broad audience.

Draft agenda of the discussion:

- **Opening** – Moderators: Vasiliki Klonari (WindEurope) & Paulius Butkus (ENTSO-E)
- **Statement by Director DG Energy**
  - Catharina Sikow-Magny
- **Statements by ENTSO-E, T&D Europe, WindEurope**:
  - Hakon Borgen – Chair of the Research, Development, Innovation Committee, ENTSO-E
  - Jochen Kreusel – Deputy President, T&D Europe
  - Giles Dickson – CEO, WindEurope
- **Break**
- **Introduction and overview of workstreams** – Norela Constantinescu (ENTSO-E)
  - Standardized interaction study processes and interfaces – Olivier Despouys (RTE)
  - Assessment of interoperability in multi-vendor HVDC systems – Mario Ndreko (Tennet)
  - Multi-terminal, multi-vendor real industrial scale project – Pablo Briff (T&D Europe)
  - Cooperation framework and governance – Tobias Møller Ruby (Ørsted) & Simon Wenig (Transnetbw)
  - Network planning, project financing and procurement – Philipp Ruffing (Amprion)
- **Panel discussion** - Moderators: Vasiliki Klonari (WindEurope) & Paulius Butkus (ENTSO-E)
  - Mark Van Stiphout (DG Energy)

- Frank Schettler (T&D Europe)
- Wilhelm Winter (ENTSO-E/Tennet)
- Troels Stybe Sørensen (Ørsted)

- **Conclusion word** - Moderators: Vasiliki Klonari (WindEurope) & Paulius Butkus (ENTSO-E)

You can register to the webinar here. Registered participants will receive the report by email.