



Are you READY DC ?

Laying down the basis for the demonstration of a real time demonstrator of Multi-Vendor Multi-Terminal HVDC with Grid Forming Capability



This project has received funding from the European Union's Horizon Europe Research and Innovation programme under grant agreement No. 101069656.

Project details

Duration: 1 April 2022 - 31 October 2023
Grant agreement: No. 101069656

What is READY4DC?

The READY4DC project, supported by Horizon Europe, will create and engage with a community of experts that will assess and give recommendations on the major technical and legal aspects of designing and building an interoperable multi-vendor DC grid. The purpose is to lay the groundwork for the development of the first multi-terminal, multi-vendor HVDC project in Europe.

OBJECTIVES

- » Consolidating the views and perspectives of all relevant sectors on technical, long-term planning and legal aspects.
- » Setting out a long-term view on HVDC technology and a frame for the European energy system architecture (for onshore and offshore use cases).
- » Creating the grid infrastructure of the future with DC grids playing a central role at every voltage level.

PROJECT STRUCTURE

- Working Group 1**
Modelling simulation framework and data sharing
- Working Group 2**
Legal framework for realisation of a multi-vendor HVDC network
- Working Group 3**
Multi-vendor interoperability process and demonstration definition
- Working Group 4**
Framing the future European Energy System



White papers
(on data and modelling, legal aspects, interoperability and demonstration, visions for the future)



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COORDINATED BY:



PROJECT PARTNERS:

