

ENERGY PROJECTS United Kingdom

Supply and installation of a Synchronous Condenser, Southwest Wales - United Kingdom



Description

CUSTOMER
RWE Generation UK PLC

LOCATION
United Kingdom

SECTOR
Energy Projects

CATEGORY
Other

START
2023

STATUS
In progress

Project Summary

MYTILINEOS has been awarded a Contract for the «Supply and installation of a Synchronous Condenser», by RWE Generation UK PLC, one of the UK's leading electricity generators.

The project supports United Kingdom's ambitions for green energy and zero carbon operation by 2025. Additionally, it is part of National Grid's Stability Pathfinder Program for England and Wales, targeting to support the system by increasing inertia and short circuit contribution, and thus contributing to the stabilization of the Grid due to the increased demand of Renewables connected to the Grid.

MYTILINEOS' M Power Projects, with its high levels of expertise, will undertake the execution of this turnkey project, which will comprise the Design, Procurement, Installation and Commissioning of a Synchronous Condenser facility, with its associated auxiliary systems, as well as a high voltage (HV) banking compound for connection of the Synchronous Condenser to the National Grid's HV Grid.

This is the first contract for a Synchronous Condenser for MYTILINEOS and also a first for RWE in the UK. The asset is part of RWE's decarbonisation plan within the Pembroke Net Zero Centre (PNZC). The Facility will be located at RWE's existing Pembroke Power Station site in Southwest Wales. Construction is expected to start in 2023, and completion is scheduled for the second half of 2025. The contract value for MYTILINEOS amounts to €62m.