

# GWYNT-Y-MÔR -TURBINE TECHNICIANS

## SCOPE

CWind provides several turbine technicians to Gwynt y Môr for the onshore assembly, offshore installation, mechanical and electrical completion, pre-commissioning tasks, retrofit works and the 500hours service. Our technicians are supplied to match the needs of the project ramping up as activity on site increases. By providing well trained and highly skilled technicians on-demand we enable cost-effective construction and retrofit works on the turbines.

## DELIVERING BENEFITS TO OUR CUSTOMERS

CWind provides a comprehensive package to the client. By covering all elements of the required work, CWind ensures tight communication within the teams and work plans that correspond to client requirements. CWind provides additional synergies to the client and delivers a cost and time-effective solution by quickly mobilising our in-house teams for the works.

## FLEXIBILITY

Our technicians on this project have successfully delivered a wide range of retrofit works following isolating and locking out each turbine and then undertaking safety system updates according

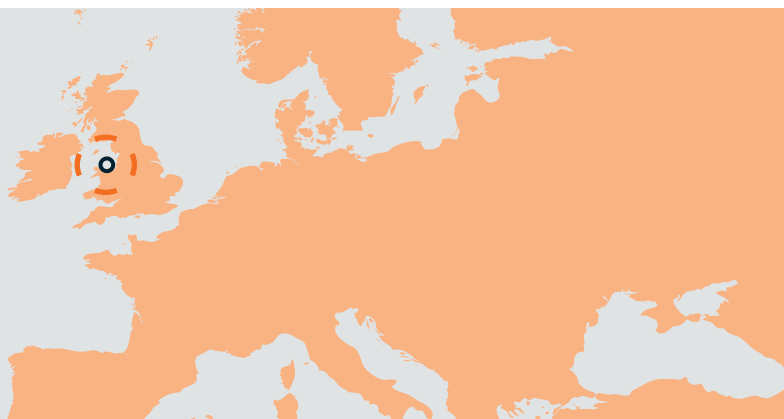
to work instructions. Retrofit tasks have included preparing and routing new cables into cabinets and testing, undertaking wire emergency stop updates and installation, installing new wires, SRSG box and cable glands, verification of shock and vibration sensor in electrical cabinets and then following final procedures such as energising the hub and removing the HS rotar lock to complete procedures.

## SPECIALIST SKILLS SETS

On this project we have demonstrated the specialist skill sets we have in place to deliver all the mechanical and electrical retrofit works required at the offshore wind far, utilising our in-house teams of qualified and experienced turbine technicians with considerable expertise in working with Siemens turbines.

## SAFETY FIRST

To ensure the safety of the turbine technicians team, on site project management manages all equipment, testing and recertifying at regular intervals. CWind's team on site is pro-actively reporting observations to ensure an efficient and safe site and reducing the likelihood of injury or avoidable delays.



Project	Gwynt-Y-Môr
Capacity	576MW
Turbines	160
Operation	2015
Client	Siemens
Project Owner	Rwe Innogy, Stadtwerke München, Siemens