

# BALFOUR BEATTY GWYNT Y MÔR WIND FARM



# £200k

client saved a potential  
£200k in lost revenue from  
downtime

**EnerMech rapidly responded to an issue on two offshore substations on the major Gwynt y Môr offshore wind farm. Using their expertise, EnerMech's highly technical team released stuck valves required to isolate the fire suppression system so as essential maintenance could be carried out. By establishing and safely correcting the issue, EnerMech saved the client both on lost revenue and costly replacement of parts.**

**Client:** Balfour Beatty

**Year:** 2020

**Product/Service:**  
Critical maintenance

## Scope of work

The team inspected four problematic knife gate valves, stuck in the open position on two sub-stations.

The operator of Gwynt y Môr, Balfour Beatty had tried several different interventions to release the valves but they were unsuccessful in making them serviceable.

## Project Delivery

The EnerMech team engineered a solution to free the valves and drafted the risk assessment and method statement to allow the team to conduct the job safely. The GWO certified experts were then deployed to solve the problem.

Applying its expertise, the technical team were able to release the valves, saving Balfour Beatty potentially £200k in lost revenue as well as the additional costs of replacement parts.

The result was a perfect 100% FPAL score and a delighted client, who has extended the workscope based on EnerMech's efficient and technically expert delivery.

## Key Benefits

Restored the valves to fully working condition, in turn allowing the turbine to be returned to an operational state with minimal downtime

# 100%

FPAL Score

# £200k

Savings to the client in lost revenue as well as the additional costs of replacement parts