

# CASE STUDY



## ANSALDO ENERGIA

- **A&P'S IN-HOUSE MACHINING CAPABILITIES DEPLOYED TO OVERHAUL THREE STEAM TURBINES**

**ANSALDO  
ENERGIA**



Langage Power Station in Plymouth called on A&P's specialist blend of in-house machining and engineering expertise to overhaul three steam turbines.

A six week intensive programme of work was undertaken at A&P's Falmouth facility. Each of the turbines required specialist transfer and lifting into A&P's 3,500m<sup>2</sup> machining workshop. Work included stripping the components, precision blasting and crack detecting to ensure the equipment can remain in service for another five years.

A&P Falmouth is one of only a small number of facilities in England with the engineering expertise and equipment to machine components of this size and complexity.

Located within A&P's waterside facility, A&P Falmouth's machining workshop services vessels visiting A&P Falmouth. The facility also provides complex large scale machining and small scale machining to organisations in the utilities, drilling, energy and fabrication sectors in the south west, the UK and beyond.



*These turbines are hugely critical to the ongoing operation of Langage Power Station and as such their refurbishment demands very precise work. A&P Falmouth's highly skilled team, track record and extensive facilities made it clear they were the right partner for this project.*



**Neil Smith**

Ansaldo Energia



**12.5 ACCOMMODATING TONNES IN WEIGHT**

*We are* **A&P**