

RWE Generation UK – Boiler System Upgrade

A power generation
facility installation

“We are extremely pleased with the on-schedule project delivery and the new boiler system performed flawlessly for two separate full load dispatches from National Grid over the weekend.

The quality of the Armstrong solution is (in my opinion) the best on the market and service delivery is best in class.”

**Paul Doyle, Cheshire Site Manager,
RWE Generation UK plc**



**DECARBONISE
YOUR OPERATION.**

“It is fair to say you are one of the best contractors I have dealt with in 20 years in the power industry.”

Paul Doyle, Cheshire Site Manager, RWE Generation UK plc

Background

RWE Generation UK plc, a leading power generation company, identified the need to replace its aging gas pre-heating system at its Cheshire site. The existing system comprised three obsolete boilers and outdated controls, presenting both operational and reliability challenges.

To maintain compliance and ensure readiness for National Grid, the client required a complete system replacement within a tightly controlled five-day shutdown period.

Armstrong **Industrial** was contracted to deliver a modern, efficient solution that would enhance system performance while minimising downtime.

Solution

The Armstrong team provided a turnkey package that included:

Off-site fabrication of a complete boiler system comprising of 3 × 130 kW skid-mounted boilers with individual boiler pumps and an integrated control panel.

Delivery and off-loading of a fully tested prefabricated system for rapid on-site installation and commissioning.

This included removal of redundant equipment.

Installation of new boilers and control system within the existing plant room, with tie-ins to existing connections.

System commissioning was undertaken to verify performance and readiness for full operational load.

Off site fabrication and testing ensured that all works, including removal, installation, and commissioning, were delivered on schedule within the five-day shutdown window, with minimal disruption to site operations.

Tech-info

3 × 130 kW Skid-Mounted Boilers

Individual Boiler Pumps

Integrated Control Panel

Results

The upgraded boiler system was successfully delivered and commissioned on time, and the performance was immediately validated during two separate full-load connections to the National Grid over the following weekend.

Project delivered on schedule within the critical five-day shutdown.

Seamless commissioning and flawless performance under full load.

Fixed-price delivery provided cost certainty for the client.

Enhanced reliability and operational readiness of the pre-heating system.

For more information, contact your local Armstrong representative or visit us at:
armstrongfluidtechnology.com/en/industrial/home

Armstrong **Industrial**