

CASE STUDY SELBY CHP STOR



HEADLINES

20
MEGAWATT

combined heat and power on-site energy generation STOR

80%

of the site's pipework fabricated off-site

10 TONNES

of steel and copper works made in our specialist facility

EIGHT

18" stainless steel flue pieces among the large-scale fabrications made and delivered



KEY FACTS

Project title: Selby CHP STOR
Location: Selby, North Yorkshire
Value: £580,000

Duration: 20 weeks
G&H divisions: Fabrication

CASE STUDY HOW WE DID IT



We fabricated and installed all the components required for this industrial scale, purpose-built CHP on-site energy generation facility.



We assembled a 16-strong team of engineers, welders, site supervisors and project managers to deliver the scheme that had been pre-designed by the client.



Our works included fabrication, off-site checking, delivery, installation, (including various crane lifts), connection and on-site testing.

The five-month-long scheme demonstrates our capacity as the site has the potential to generate 20 Megawatts of energy in just seven seconds.

Given the facility's industrial size, large individual components were made bespoke in our factory, such as eight, 18" diameter flue pieces and a 12" gas main that was 120m long. Additionally, we fabricated the equivalent of one mile of oil and lube lines for the gas fired turbine engines.

We installed over 10-tonnes of steel pipework and in total, 80% of the pipework was prefabricated in our facility. A high level of planning and liaison with the client's project team ensured the works were delivered ahead of schedule and defect-free.



KEY CONTACT

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