

CASE STUDY

RWE – Staythorpe Power Station

Additional works to core contract – Added Value



OVERVIEW

Staythorpe is a gas-fired combined cycle gas turbine power plant that has a generating capacity of 1,740MW – enough to meet the energy needs of around 2.8 million homes. Staythorpe was designed and built using state-of-the-art technologies which have allowed lead to a reduction in an average annual CO2 emissions. Staythorpe has an extremely high efficiency of over 58%. These key figures make the plant one of the largest and most efficient of its type in Europe.



AIMS AND OBJECTIVES

Hargreaves have been a term service contractor on site at Staythorpe providing industrial and domestic cleaning services since 2011. Throughout the duration of our contract we have expanded the site team and have up-skilled the operators to enable us to carry out a number of additional services which has in turn provided significant savings to our client. identified as they arose.

WHAT WE DID

Additional services out of the 'core' contracted works include: –

Inspections and repairs of walkways and gantries – HIS provided skilled individuals to carry out scheduled inspections of fabricated walkways, gantries, gratings and handrails, including stairs, ladders and access gates. Following these inspections our team carried out the required remedial works to ensure that all access and egress routes were safe (e.g. replacement of kick plates, steps and gates) and reduce the risk of slips, trips and falls.

Specialist painting – external painting of gas transfer

OUTCOME

Hargreaves successfully carried out the safe and efficient dismantle and rebuild of the ASU plant working collaboratively with both the Client and a number of key contractors to deliver the project in line with the agreed programme. Where pipework, structural steelwork or a platform was out of tolerance due to new civil asset location, HIS used their considerable mechanical experience and knowledge to present suitable solutions whilst maintaining a time critical programme.

