

CASE STUDY: CONSTRUCTION

The challenge

Our customer works in construction, and they had a large scale residential build project close to other housing areas. They needed a comprehensive power solution that minimised emissions and noise in line with their ESG goals and local council requirements, whilst still delivering the power they needed to get the job done as efficiently as possible.

This project had an eight cabin set up, with multiple crews needing to power a range of different equipment across the footprint of the site. This ranged from computer equipment and welfare facilities within the cabins, to lighting, security equipment and handheld tools within the construction zones.

The solution

We specialise in building bespoke solutions tailored to every project, so for this customer we bundled a 60kVA generator with our Battery Energy Storage Solutions (BESS) and advanced cable and distribution to ensure the power they needed reached every area of the site, whilst minimising the need for multiple generators.

Swapping traditional diesel generators for battery units not only cuts down on emissions, it also reduces noise, fuel costs and increases reliability. These battery solutions reduce downtime, recover quickly, and adapt seamlessly to evolving site requirements, all with detailed remote performance reporting.

Maximising power,
minimising emissions
for the UK's
construction industry



The results

13,082

kg's of emissions
saved

83%

reduction in run hours
and fuel consumption

£5,900+

fuel cost
saving

Project completed on time, under budget,
and with a reduced impact on the
environment and surrounding residents

