



## Supporting essential infrastructure: HS2 at London Euston

As part of HS2 Phase 1, London Euston rail station is being developed to accommodate extra capacity and facilitate better journeys for the millions of people who use the station every year.

We supplied 2 x 100kVA generators and 2 x energy storage systems for this landmark project, creating a hybrid power solution to support the development.

The energy storage systems were requested to enable the site power to run 24/7, while also meeting strict noise restrictions during silent periods. They also ensured the site complied with NRMM (Noise-Road Mobile Machinery) emissions in central London.

The solution was delivered and installed by our engineering team using dedicated FORS (Fleet Operator Recognition Scheme) Gold transport, and was set up and programmed to ensure the equipment operated within strict site parameters. The solution was deployed for a period of 15 weeks.

There were significant benefits of this hybrid power solution, compared to a traditional 'generator only' temporary power solution. As a result of using the energy storage systems, the generator's run time was reduced by 55% for the project's duration and consequently fuel consumption was significantly reduced by 13,820 litres, with an estimated cost saving of £7,244 - based on the AHDB price index for the hire period.

CO2 production was also reduced by an estimated 38.14 tonnes.

LOCATION: LONDON, UK. TYPE OF PROJECT: PRODUCT HIRE. SECTOR: CONSTRUCTION & BUILDING SERVICES