

CASE STUDY: IN STUDIO FOR FILM

The challenge

Our customer was completing a complex location production for a feature film and needed to power a large marquee set up which was set to house their hair and makeup teams, costume set ups and crowd location. We needed to get those areas powered to keep production on track, whilst also helping the production reach its sustainability goals, specifically looking to reduce noise and emissions.

The solution

Reduced from an initial specification of a 200kVA Stage V generator, the system was optimised to a more efficient setup comprising 1x 150kVA Stage V Whisper Quiet generator, paired with 2x 45kVA / 60kWh BESS units.

Power was distributed via a split distribution across the marquee, with the load carefully balanced between both sides. Each BESS unit operated on a managed, balanced charge cycle, ensuring consistent, silent and efficient power delivery to their respective halves of the marquee, whilst reducing overall fuel consumption and improving sustainability performance.

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



The results

7,258

Runtime Hours Saved
(75%)

41,377

Litres of
Fuel Savings

109,238

kg of Carbon Savings
(109T)

£68,273+

Commercial
Savings

The production team effectively reduced emissions, noise and associated costs, whilst ensuring their team had the power they needed

