How we optimised our client's energy management with a

Tower Crane

POWER SAVING SOLUTIONS
HOME OF THE HUSSH POD

Our client's construction project is on-site at Manchester City's Etihad Stadium.

The Hussh Pod was powering an aviation light for a tower crane at the campus of Manchester City via CES.

What did we supply to the client?

Hussh Pod 5/15

Challenge

With the challenge of 24/7 operations, the client was in need of a clean, reliable back-up source of power for their tower crane aviation light site set-up within the 5-week period.

Response

Our team began to assess which Hussh Pod would be most appropriate for their tower crane application. After discussing with our client, they hired out a Hussh Pod 5/15 (pictured bottom left) for 36 days, running from 9th February to 15th March.

After travelling to the site in Manchester, our field engineers commissioned the Hussh Pod to function as a hybrid solution alongside the diesel generator.

Outcome

The aviation light was powered by the Hussh Pod BESS 73% of the duration of the hire, reducing generator run-time from 864hrs to 230hrs compared to a conventional generator. Accompanying this change, has resulted in fuel cost savings of £2,471.59 and CO_2 savings of 5,019.23kg.

With fantastic telemetry capabilities as part of the hire, our team had the ability to identify any technical issues should they arise, allowing a breath of fresh air for the client and lessen in-person engineer trips to site.