

## GENERATOR EXCHANGE

When a generator failed on one of the oldest wind farms in our Asset Management portfolio, RES' careful planning prevented significant downtime. Due to economies of scale RES is able to procure spares at the lowest cost to the client, and ensure availability.

On this particular site, the turbines aren't fitted with modern condition monitoring systems, which means our ability to predict failure is diminished, so precautionary measures had been taken in case of faults. The design and specifications for the crane hard-standings had been created in advance to ensure that civil works could begin immediately.

Additionally, a contract was in place with a local generator supplier so that the parts could be sourced straightaway. The replacement generator was brought to site while the RES project management team specified the work required, arranged the contracts and ensured all warranties for the works were in place. RES used its in-house lifting and civils experts as well as our in-house 24/7 Control Centre, to ensure the work was carried out safely.



RES' careful planning prevented significant downtime and risk.

RES reduced the downtime to 8 days rather than 2 months.

By strategically planning major component spares, preparing crane hardstand upgrades, and by managing the maintenance from start to finish, we reduced the downtime from potentially 2 months to just 8 days. In this instance we saved the client approximately £14,000 in lost generation.

Our forward planning, monitoring and rapid response often saves clients considerable sums, both in maintenance and lost generation.

### CALL US FOR INFORMATION ON OUR ASSET MANAGEMENT SERVICES

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