

CASE STUDY

Mitie Telecoms Site in a Developed Commercial/Residential Area



NO ENVIRONMENTAL POLLUTANTS



NO REQUIRED SITE SERVICE VISITS



REDUCED FUEL COSTS

BACKGROUND

A telecom site in a developed commercial and residential area with strict noise and air-quality regulations required a reliable source of primary power for up to 12 months. Noise and environmental constraints ruled out the use of diesel gensets, and there was no room at the site for renewable sources of energy or storage units.

SOLUTION

Mitie Telecoms installed a Bladon Micro Turbine Genset powered by a battery bank to handle the site load of 5kW, and a remote management application to provide 24-hour site monitoring.

BENEFIT

The Bladon MTG turned what seemed an unsolvable challenge into a clear victory. The Bladon MTG complies with applicable noise and environmental regulations; it provides round-the-clock network coverage without disturbing the neighbours; and it even satisfies the local council and a nearby supermarket.

SUMMARY

- Complies with applicable noise and environmental regulations
- Allows for 24-hour site monitoring
- Provides quiet, environmentally friendly operation
- Generates no complaints from neighbours or a nearby supermarket
- Satisfies the local governing council

“With no option to deploy a conventional diesel genset on this noise and air quality sensitive site we were able to deliver reliable clean power to our customer using the Bladon MTG. Over 6 months of continuous running and we have a happy customer and happy neighbours”

Andy Train, Director, Mitie Telecom

CLEAN POWER. TODAY.

