CASE STUDY

Generator Power for EE/BT

Generator Power

REDUCED EMISSIONS BY 45%

SERVICE COSTS REDUCED BY 95%

REDUCED FUEL COSTS BY 30%

BACKGROUND

Generator Power provides reliable off-grid power to mobile network operator EE/BT's telecom site on the Isle of Wight. Diesel gensets normally supplied the power, but they required regular maintenance visits to a remote location, which resulted in high service and refuelling costs.

SOLUTION

Generator Power installed a Bladon Micro Turbine Genset along with a 1,000-litre fuel tank to power the telecom site 24/7. The Bladon unit required no maintenance visits over a full year. It was the ideal choice for a telecom site situated near rural residential and farm areas. Its quiet operation and ultra-low emissions enable the site to run in a sustainable and environmentally friendly manner.

BENEFIT

Installing the Bladon Micro Turbine Genset slashed onsite service costs by 95 percent, reduced fuel costs by 30 percent by using cheaper kerosene fuel, and recorded 12 months of service-free nonstop operation. This gave a cleaner, quieter solution for Generator Power's client.

SUMMARY

- Recorded one year of service free operation (more than 8,000 hours)
- Slashed onsite service costs by 95 percent
- Reduced fuel costs by 30 percent (diesel fuel to kerosene)
- Reduced emissions by 45 percent (ultra-low)
- Provides quiet, environmentally friendly operation
- Generates no complaints from neighbours

"We have some customers in very remote locations including offshore islands that are more expensive to maintain than on the mainland. With this customer site we used the Bladon MTG to eliminate completely the need to travel to the island to perform service visits that we would normally have had to do with regular diesel gensets. Instead, we had local fuel suppliers and had no need for site visits for 12 months!"

Steve Cardwell, MD, Generator Power