

# The Generator Company Standby Generator Installation at Exclusive 5\* Country Manor Hotel



**The Generator Company were contacted by a prestigious 5\* hotel chain to provide a cost for carrying out a standby generator installation at their stunning 89 bedroom country Hotel in West Sussex.**

This magnificent 19th century ivy-covered manor hotel is surrounded by 93 acres of woodland. The rooms are elegant and individually decorated. Antique furnishings, 4-poster beds and claw-foot tubs adorn the lavish rooms and balconies and some even have private gardens.

This exclusive hotel offers extravagant breaks, award-winning dining in both of its restaurants, afternoon tea on the terraces or in the lounge and sharing plates in the underground wine cellar as well as tailor made events to suit almost any occasion.

## Client

Exclusive Hotel

## Project Specifications

Standby generator installation and commissioning for 5\* exclusive hotel in West Sussex.

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**Following power losses in the area during the festive season last year and a couple of smaller power cuts this year the hotel with its sumptuous offerings and prestigious reputation had no desire to fall foul of incurring a power outage and subsequent loss of business. Therefore in early 2016 they decided that a standby generator installation was essential, especially before their hugely busy Christmas period.**



As soon as the hotel contacted us we visited site to assess the most suitable standby generator for the installation. Access to their desired generator location was tight, through a picturesque archway, but our Project Manager confirmed that with our expertise of manoeuvrability into and through tight spaces this could be accommodated without the need to either break down the equipment into smaller sections and then rebuild it or the hire of a substantial crane. This news was greatly received by the client as it would reduce costs and also minimise disruption for the client's guests and staff and ensure the day to day running of the hotel was maintained with minimal interruption.

We recommended a 600kVA automatic mains failure diesel powered standby generator complete with a DSE 7310 set mounted control panel, 4 pole MCCB circuit breaker, a temperate duty radiator as well as an additional 1000Ltr fuel tank all contained within an acoustic enclosure to reduce noise pollution.

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**Once our standby generator solution and price had been submitted and approved with their Head Office our Project Manager liaised with the client to book the standby generator installation into our program of works schedule.**



On the agreed date our installation team delivered the 600kVA standby generator to site and manoeuvred it through the archway into the hotel grounds and positioned it onto the hard standing base that had already been constructed. Our engineers then installed the mild steel exhaust system and flexible engine manifold to the generator as per our detailed CAD drawings which had been previously agreed with the client.

On completion of the electrical connections we carried out standard functional checks and a witness test prior to commissioning the generator to prove its performance. Our service engineer then returned to site to successfully commission the standby generator installation. This was undertaken using a loadbank to test the generator's performance under differing power loads to guarantee its operating specification.

**Generator: System Design Supply Install Hire Service Maintenance**

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