

# St. Mary's Hospital



## Site

St. Mary's Hospital

## Client

Isle of Wight NHS Trust

## Contract value

£38,000, plus £6,500 P/A service contract.

## Contact

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## Challenge

To undertake the service, maintenance and load bank testing of all twelve generators for the Trust twice a year.

- The design, build and supply of a 300kVA road tow generator.
- Complete two service rounds per year on generators that are on the Isle of Wight.

## Solution

We completed initial site visits to St. Mary's Hospital to ensure that we knew what filters were necessary for the service rounds; to ascertain the potential positioning of our load banks, in relation to the generators around the site, before the works commenced.

- This gave us a great idea of how the site worked and in the most efficient route possible to complete the works, while causing minimal disruption to the site.
- We worked out a route that allowed us to complete two load bank tests every day, leaving four strategic and more important generators for weekend works.
- We drew up a detailed plan to complete all services and load bank tests over a seven-day period, twice annually, while staying efficient and cost effective for the Trust.

## Result

We completed all servicing, including the load bank testing on time and with minimal disruption.

- We also supplied a 300kVA specialist road tow generator to the site following the procurement of the service contract.
- The contract was initially awarded for one year, but has recently been renewed due to the quality of service we provided.



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Generators – UPS – Service & Maintenance – Hire – Parts – Design & Installation – Switchgear – Control Panels



# Caterham and Haslemere Hospitals



## Site

Caterham Hospital and  
Haslemere Community Hospital

## Client

NHS Property Services

## Contract value

£218,000, plus subsequent  
service contracts

## Contact

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## Challenge

Installation of emergency back-up generator systems in both sites, including two 'super silent' 165kVA rated generators (65 @ 1Dba) and a 48-hour external fuel tank.

- Both sites had ageing generator systems that needed replacing.
- Sites required substantial civil works to build bases for the generators and fuel tanks, which had to be carefully organised due to the patient and visitor environment.
- Working in a high-traffic area of people where our works were under intense scrutiny, meant our site required extra fencing to ensure public safety.
- Snow threatened to delay our operation, but with 4x4 vehicles in our fleet, we were always able to make it to the sites.

## Solution

We designed a complete generator control system. From the control panel, through to the generator and the fuel transfer systems.

- We produced a detailed construction phase plan, which was utilised daily.
- Our dedicated project manager was at site to oversee and plan all aspects of the works, with both our engineers and contractors.
- Much of the work had to be completed out of hours to avoid interference with the patient/visitor environment.
- A hire generator was placed on site to provide power at all times until the installation was completed.

## Result

All the work was finished on time and within budget, despite the challenges we faced.

- Liaison with the Hospital meant that the Trust were never in danger of losing power and the provision of the Honda generators and 3 kVA UPS systems ensured this.
- Work was completed with minimal fuss and inconvenience and meetings were held regularly to ensure the smooth running of the project.
- Following the installations, we were awarded the service contract for the generators, plus a further eight sites for the Trust.



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