

CHP GUY'S AND ST THOMAS



CLIENT | GUY'S AND ST THOMAS'

PROJECT | 2 CHP INSTALLATION

OUR ROLE | DESIGN, PROCUREMENT AND PROJECT MANAGEMENT

The CHP installations at both Guy's and St Thomas' hospitals have been a huge success as part of their ongoing Earthcare and Energy Strategy.

NIFES team were appointed to carry out the feasibility studies for both sites. This resulted in the recommendation to install 2 generators, each producing 3MW of electricity at 11kv.

The Jenbacher engine installations proved to be complex and demanding as the existing sites involved tight noise restrictions and spatial constraints.

However, despite these obstacles, the NIFES team designed and delivered innovative space-saving solutions within the sites.

Labour's Secretary of State for Energy and Climate Change Ed Miliband arrived to congratulate the Trust's success on the launch day.

"Combined Heat and Power is an ideal energy solution for community buildings. It means a secure on-site supply, savings

on energy bills and cuts in carbon emissions. The energy savings that Guy's and St Thomas' are making with their Combined Heat and Power units, shows how any organisation really can contribute to the global aim of limiting dangerous climate change" Ed Miliband MP.

Key Project Achievements:

- Combined, the 2 CHP's will save in excess of 11,000 tonnes of CO² per annum
- Financial savings of over £1.7million per annum on energy costs
- A 20% saving of CO² emissions - exceeding the NHS interim target of 10%

