

HOSPITAL



BENEFITS

- ▶ £35,000 per annum savings in gas costs
- ▶ Reduced energy consumption of 4,300 MMBtu in four months
- ▶ Carbon dioxide emission reduction of 855 tons
- ▶ Financed project - positive cash flow from day 1

Flue Gas Condensing Economizer Hospital Application

The Trust has avoided purchasing just under £35,000 of natural gas and has reduced energy consumption by over 4,300 MMBtu in just four months by installing Thermal Energy International's Flue Gas Condensing Economizer. It has also recorded a reduction in carbon dioxide emissions of 855 tons.

The Estates Manager learned about Thermal Energy International's Flue Gas Condensing Economizers while attending a conference for National Health Service (NHS) estates personnel. Recognizing the significant benefits of installing the technology, and aware of the effect of increasing fuel costs and pressure on the Trust to reduce carbon dioxide emissions, he came to the conclusion that the installation of a Flue Gas Condensing Economizer would deliver a significant proportion of the Trust's targets.

With funding arranged by Thermal Energy International, all payments were made from savings, resulting in a positive cash flow from day 1. The client never invested a dime of their own money.

"I knew when I heard about this technology that it would be a winning formula and help the Trust towards reaching its key Government targets of reducing carbon emissions by 80% by 2050. Having worked successfully with Thermal Energy International before, I knew that the support for this project from inception to completion would be first class and the technology would deliver the savings the Trust requires."

- Estates Manager

