

EXAMPLE PROJECT



Case Study

Central Boiler House

Challenge

The Central Boiler House (CBH) at a museum in Kensington a long operational history going back to the 1880's. Originally a coal-fired installation it until recent times provided the core heating for the museum as well as a number of surrounding buildings. The challenge was to achieve a relative level of cost of heat of 1.8p/kWh at 2000 prices. The actions to achieve this being: Refurbishment of the energy centre; Automating and de-manning; and Reducing risk to the client. A budget of £3 million had been set aside to undertake this target and to cover an assessment of possible improvements.

Solution

Looking at the demand profiles and paybacks the results did not appear to be so good economically. We supplied a turnkey capability covering: energy centre; energy distribution (heat, cooling and power); consumer interface; and metering.

Outcome

The client is saving in excess of £1,000,000 per annum over the 15-year agreement of the project and saving 2,300 tonnes CO2 emissions annually.



T | 0870 710 7560
W | <http://www.catalyst-commercial.co.uk/>
E | info@catalyst-commercial.co.uk

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