

Cornwall County Council chooses Zenex solution from County Heating

Cornwall County Hall is an impressive 60's head office for the Council and accommodates approximately 800 staff. The building is a modern concrete and glass construction, and has an in house maintenance team headed by Ian Manning.

The Council were experiencing problems with the existing hot water boilers which comprised of two older less efficient 28kW system boilers with a large domestic hot water cylinder with a capacity of 1000 litres

The Council's own green energy agenda freed up some new funding for a low carbon hot water system replacement. After reviewing the market it was

decided to fit two Zenex Superflow systems including the EST Energy Saving Recommended Zenex GasSaver designed to recover waste heat from the flue of the new high efficiency Baxi boilers.



A key decision for the Council was their previous experience in fitting the Zenex system with Baxi boilers as this was a straightforward installation.

County Heating, who are the preferred contractor for Cornwall County Council, were employed to install the new system. Mark Mingo, Director of County Heating, comments "We really like the new Zenex system because it was easy to install, freed up valuable space in the plant room and with the addition of the Zenex GasSaver on the condensing Baxi boilers gives a real energy efficiency improvement. Mark commented that the technical support from Zenex had been superb and helped with addressing technical issues which meant there was no delay in the installation.

So far, County Heating has 6 installations with the Zenex Superflow System and this is now one of the preferred options for schools and other Council buildings. The system has been live since March and during that time has met the requirement for producing the significant hot water demand for such a critical County Council operation.

County heating are based in Bodmin, established for 20 years and with more than 50 staff they represent a sizeable contractor in the South West with extensive experience in maintaining and installing full M&E capability and specialise in designing bespoke BMS (Building Management Systems) for large enterprises. For more information, contact Mark Mingo on **01208 77774** or email **reception@countyheating.co.uk**

Project Summary

Client:
Cornwall County Council

Site:
County Hall, Truro

System Installed:
2 x Zenex SuperFlow 50 systems
with Baxi Duotec 40kW boilers

Energy Savings:
The new system requires 48% less
energy compared to traditional
'best practice' configurations*



*TUV NEL Review of Energy Efficiency and costs of DHW Supply Systems

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