

Meeting the growing demand at Pershore High School



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Steve Wedgbury
Consultants Stewart Associates

Project: Pershore High School,
Worcestershire

Products: 2 x GE15 High Efficiency
Cast-Iron Boilers

Contributors: Stewart Associates
SG Maintenance
Services Ltd

Pershore High School has grown significantly during the past few years, and has recently upgraded its heating system to meet the ever-growing demand for energy efficient heating and hot water and, at the same time, replace the three existing boilers which have come to the end of their lives. After careful assessment of the current and predicted heat demands of the school, two new boilers were installed to provide a modern, high efficiency integrated heating and hot water system.

Steve Wedgbury of Consultants Stewart Associates, who worked with Bosch and Solihull based building services contractors SG Maintenance Services Ltd, explains, “We chose the two GE515 boilers because they provide a very efficient solution for the specific needs of this installation.

The specification required the new boilers to fit into the existing system which operated with high flow and return temperatures and we needed boilers with large waterways to accommodate the high water content of the system. For these reasons it was not practical to opt for a condensing system. The modern cast iron boiler was chosen instead as it provides an impressive 86% seasonal efficiency, which is still a significant improvement on the old boilers”.

The school are hopeful of achieving a saving in fuel costs of at least 10% compared to the previous system. The new heating system fully complies with Worcestershire County Council and Pershore High School’s policy to lower emissions, and reduce environmental impact.

For more information on Bosch Commercial and Industrial Heating and its entire product portfolio, visit www.bosch-industrial.co.uk

