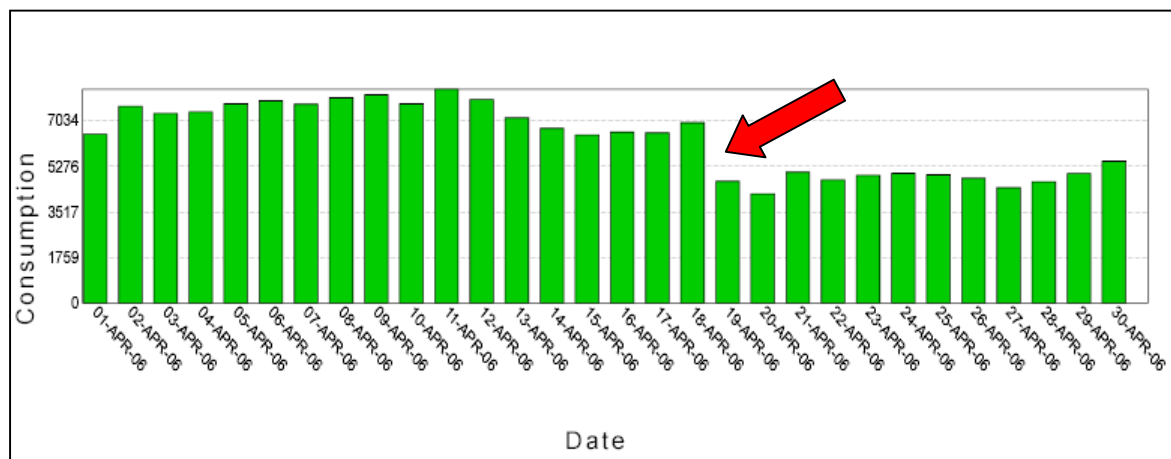


Energy efficiency improved by 23% for Wandsworth Council under the EEC scheme

AEC have delivered an aggregate 23% savings across six communal heating systems for the London Borough of Wandsworth. The work was 100% funded through the Energy Efficiency Commitment scheme (EEC) for which AEC's energy saving technology has been accredited.

In the graph below it is clearly possible to see the step change in daily gas consumption as a result of AEC's control changes. Savings at individual sites vary from 16% to 30% and each is being monitored separately in order that the savings are maintained, as well as to ensure that residents are supplied with all the heating and hot water services that they require.

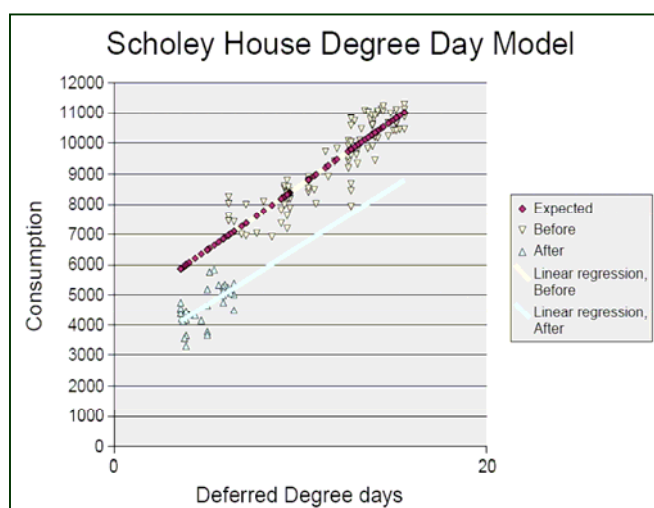


The savings were identified using AEC's unique technology where we are able to identify and match actual supply of heat to actual demand for heating services, this looks at a number of elements including correct compensation on an individual building basis, boiler sequencing and ensuring that boiler temperatures are correct for the prevailing conditions.

AEC were also able to identify and resolve a number of mechanical issues with the plant configuration through our analytical process, this has led to improvements in the maintenance regime of the plant and reduced the number of site call outs for the maintenance contractors.

Degree-day analysis

For final verification savings have to be measured against degree-days and the graph to the right clearly shows the reduction in consumption against prevailing degree-days for the area. This monitoring and analysis is ongoing across all the sites, the daily gas meter readings are also available to members of the Wandsworth team on line and are a valuable tool in helping to manage energy. The programme is now looking to expand into more Wandsworth communal heating systems and similar results are anticipated.



As a result of the EEC funding the council have benefited from improved systems, the tenants by reduced energy bills and the environment by a reduction of over 500 tonnes of CO2 per annum.

Call AEC on 08453 30 60 30 or email info@efficientcontrol.com
 for a review of your energy saving opportunities