

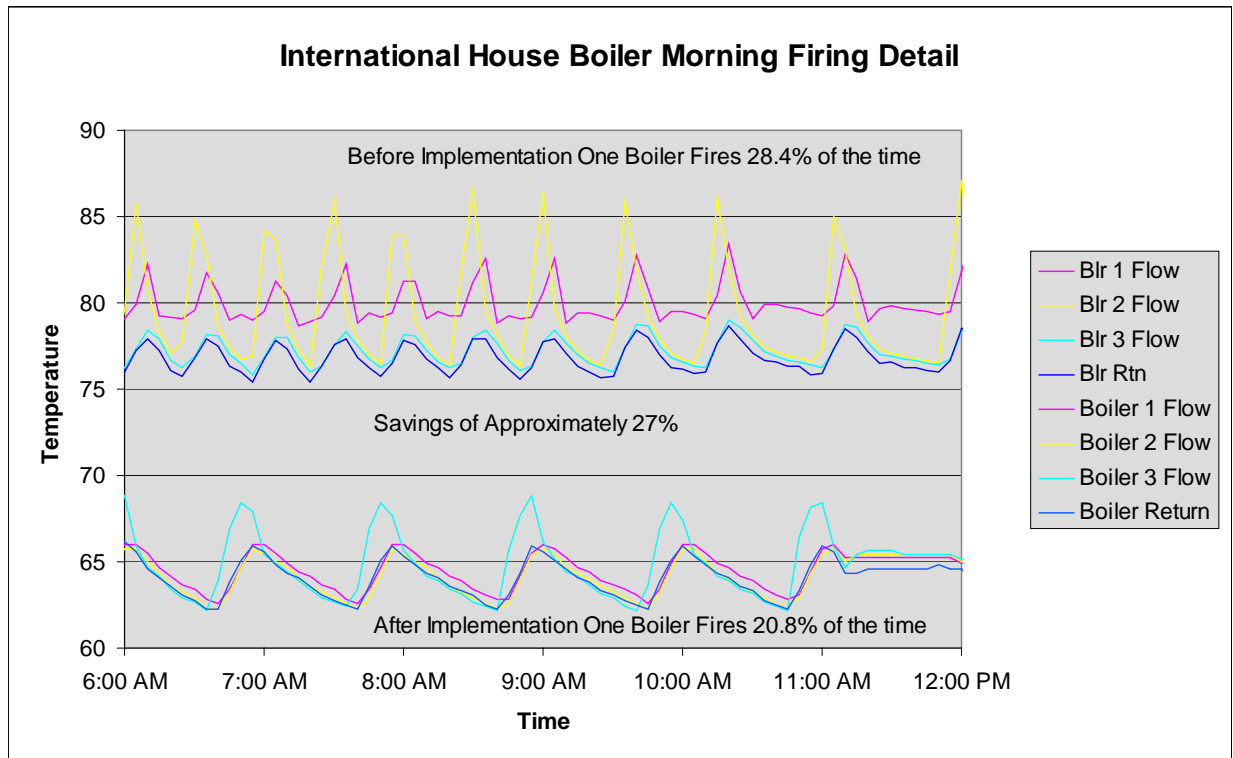
**International House, St Katherine’s Dock
 Reduction in gas spend and CO2 emissions**

As part of an energy efficiency project at St Katherine’s Dock opposite the Tower of London, AEC have specified savings that have made significant savings, of as much as 30% on gas spend.

Having examined data from the site our prime concerns were

- Compensation slopes
- Boiler sequencing

The graph below highlights a six-hour period comparing boiler firings before and after our enhanced specification was implemented.



Key changes in boiler firings "before" and "after" which can be seen in the graph above include

- Post commissioning the pattern of boiler firing is more stable and takes place at a system temperature perhaps 15C cooler on average than previously.
- Prior to commissioning the compensated circuit showed compensation against outside air temperature, and indicated a minimal load allowing further (harsher and more efficient) compensation to be applied.
- Post commissioning the compensated zone is closed down (with pumps off) for the vast majority of the day in response to warm outside temperatures.

Results summary	
Gas reduction	27%
Saving	£21,500
CO2 emissions reduced	407 Tonnes

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 for a review of your energy saving opportunities