

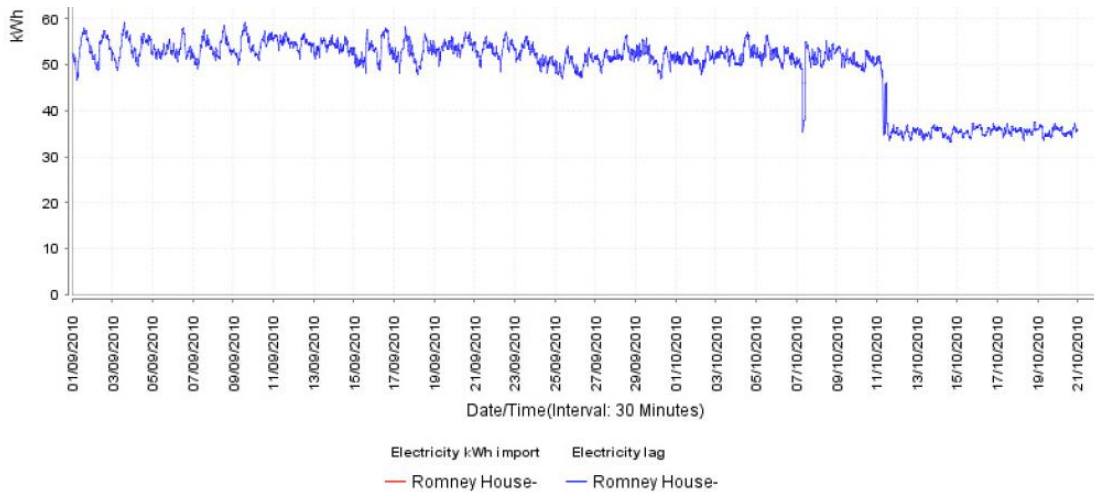
## EVAPORATIVE COOLING OF DATA CENTRE FOR BRISTOL COUNCIL

Bristol City Council have a Data Centre at their Romney House site, it was cooled year round using 5 no. Computer Room Air conditioning units (CRAC's), this consumed a vast amount of power.



To drastically reduce the running costs and reduce their carbon footprint they have installed a system of 6 no. Celsius EcoCooling evaporative cooling units and 6 no. Celsius Roof mounted attenuated extraction systems, providing over 200KW of low cost, low carbon cooling.

The new system is expected to save over £60,000.00 of electricity per annum and over 438 tonnes of carbon emissions, compared to their old inefficient air conditioning system.



The above graph was supplied to us by James King of Bristol Council, it clearly illustrates when the equipment went live on the 11<sup>th</sup> October. All at Bristol Council are very happy with the result and the savings.

