

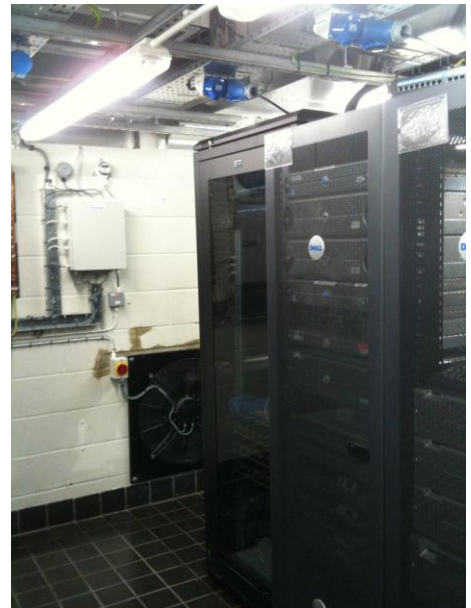


NHS Data Centre for the London Olympics – Bow

Celsius have installed a system of Data Centre Cooling for the NHS in Bow in East London, this is to cool the equipment that will run the call centre there for the 2012 London Olympics.

The system will provide over 80KW of cooling with the required N+1 number of coolers to achieve ASHRAE standards. No refrigeration based equipment will be used.

Extraction is provided by two Ziehl Abegg EC (electronically Commutated) fans, these accept a signal from the coolers (0 to 10 volts) and automatically vary the extraction to exactly match the introduced cool air from the coolers. This all makes the system as energy efficient as possible using all the accepted latest technologies.



The system uses the patterned 'Attemperation loop' to maintain ASHRAE standards even during the cold winter months by utilising the warm internal air to heat the cold entering air from outside.

Celsius undertook the full turnkey installation with installation taking only 2 weeks from start to final commissioning.

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