



Case Study – London Data Centre

ARUP

End User:
Major Data Centre Provider
Project Manager/Contractor:
Arup
Project:
North London Data Centre
Equipment:
6 x X2200c HV genset



Client testimonial:

“The project was a 10k sq meter IT white space DC facility with a cooling load of 1200 watts per square meter for day one, going to 1400 watts a sq meter from day 2. The DC was designed to meet the Uptime Institutes Tier III rating for resilience.

The DC was designed to minimise the use of energy an example of which was the use of air cooled with the capability of providing 'free cooling' when the external air temperature reached 12 deg C and below. The whole facility was also fitted with EC motors where possible such as the CRAC's and chiller cooling fans, these enabled a very efficient use of electrical energy.

The DC was designed as a co-location facility and was fully managed, but if required the client could fit out and manage their own space with a reduction to rental costs per square meter.

We purchased 6 x 2.2 MVA containerised HV generators and 12 x 1.5MVA UPS strings for this 10,000 sq meter Data Centre project from AVK. On a high speed time compressed project such as this we required a dedicated professional organisation that was on board and motivated from the offset of procurement, through detailed design, and finally installation, testing and commissioning. We felt that AVK delivered their part of this project with enthusiasm and dedication and would be very happy to work with them again, a great friendly outfit to work with”. Chris Buck – Arup

To find our more about AVK control systems or generators please contact us on 01628 503900 or visit our website www.avk-seg.co.uk