
John Lennon Airport, Liverpool

Do you then think of Easyjet and a rather tired fly-on-the wall documentary called Airport? Well think again because this airport has just taken delivery of a rather special bespoke Electrical Package Substation combined with a 500 kVA Generator.

Ask most Generator Salesmen at AVK|SEG and they will tell you that providing bespoke Generators should be the new 'rock and roll'.

John Lennon Airport is a growing airport like so many others, but sometimes existing infrastructures can cause problems. With this in mind the supply to the new Raytheon Radar Tower was not so straight forward. Look at the product list from major Generator manufacturers and it lists what you can have and not necessarily what you need.

Airports by their very nature cover vast areas and to reduce volt drop over cables & losses electricity distribution needs to be installed

at medium voltage typically 11kVA.

AVK|SEG (UK) Ltd were tasked by AMEC to provide a Packaged Substation and Standby Generator. The term 'Standby Generator' does not really apply to NATS Raytheon type installation as in bad weather conditions the Generator is the primary source of supply.

The ringmain unit is located external to the housing for ease of installation but all the HV and LV cables are terminated to external marshalling boxes.

AVK|SEG (UK) Ltd provide the complete design, manufacture, delivery & commissioning of power equipment and also project manage from start to finish. Nick Wharfe the project manager was on site to assist the installation and commissioning. Nick Wharfe said ***"It is easy to overlook potential problems but working with and understanding the end client's needs is crucial for every job"***
