

Protected



Case Study: Airways New Zealand

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UPS SECURES POWER for Airways New Zealand

UPS Power Solutions is very proud to have been awarded the contract for the supply of new Eaton 9155 and 9355 10-40KVA UPS systems for the Airways critical operations at all New Zealand airports and radar sites.

Airways is New Zealand's air navigation service provider delivering air navigation and air traffic management within New Zealand's Flight Information region which totals 30 million square kilometres – one of the largest airspace in the world. It is their job to get all aircraft and passengers in that airspace to their destination, safely and efficiently.

Airways continues to implement new technology designed to improve their service to customers and align the New Zealand aviation industry with international standards and best practice. Within New Zealand they operate aerodrome control services or flight information services at 19 locations throughout the country.

Consistent with this goal Airways were looking for a quality UPS solution combined with a competent installation and commissioning service to roll out a new UPS install base nationwide to replace the existing equipment that had served Airways well but had reached the end of its design life.

The specific radar sites posed a unique power requirement with the radars high star delta start current. The end of life UPS had always transferred to bypass mode during the instantaneous overload during the star-delta start subjecting the sensitive radar equipment to mains power for a period, UPS Power Solutions was able to demonstrate that the Eaton equipment, due to its superior design, would remain online during the stardelta start.

Allan Holden the Senior Engineer from Airways New Zealand was impressed with the performance and design of the Eaton UPS equipment and the continued operation in online mode cemented the decision to install the quality Eaton UPS systems across their network.

UPS Power Solutions provided the design of Seismic Battery Racks and Seismic fixing for the UPS to ensure a complete fully engineered UPS solution was rolled out.

UPS Power Solutions Engineers, Ross Sullivan and Sam Lingman, headed up the installation and commissioning team, working alongside the Airways Engineers. The project was managed to minimise the impact to Airways operations by Phil Pascoe, Airways' Project manager.

Airways' engineers are highly skilled and Graham Blackmore, UPS PS Sales Engineer provided intensive training including the complete dismantling and reassembly of the UPS. This will enable Airways to look after their install base supported as required by the UPS Power Solutions team of Engineers.

Due to the success of the initial project and the confidence Airways has in both the Eaton UPS systems and in the expertise of UPS Power Solutions, the scope has expanded to include additional installations across New Zealand.

