Standby power

> Case History
Adelaide Airport, Australia

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Cummins Power Generation

Where:
Adelaide, South Australia

What:
Fully integrated standby power solution incorporating two Cummins Power Generation (C1675 D5) generator sets individually controlled by PowerCommand® digital paralleling PCC3100 controllers; both generator sets are controlled by a DMC 300 master controller system

Purpose:
To provide a standby power system for the successful running of the complex functions within a capital city airport in the event of a power failure

Primary choice factors:
Cummins Power Generation's ability to provide a total system solution for the customer, including design, manufacture, installation, commissioning and ongoing maintenance/servicing

Adelaide's new airport depends on Cummins Power Generation for reliable emergency backup

ADELAIDE, SOUTH AUSTRALIA — Power system reliability is critical to keep any airport functioning smoothly, and Cummins Power Generation is helping ensure this is the case at the new Adelaide Airport.

In the event of a power outage, the new Adelaide terminal relies on a state-of-the-art standby power system engineered and installed by Cummins Power Generation.

The city has a new $260 million airport terminal that is designed to be all things to all travelers with international, domestic and regional flights under the one roof.

The behind-the-scenes workings of any capital city airport terminal are a highly tuned affair with thousands of passengers each day requiring hassle-free check-in, boarding and luggage collection along with modern shopping and restaurant facilities.

Computers, security cameras, public address, flight arrival/departure monitors, elevators, air conditioning, apron lighting and jetway operation are just some of the myriad airport terminal functions relying on uninterrupted electrical service.

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