

PowerCo Systems International Ltd.

**PowerCo***relies on Perkins engines to keep Dubai in flight*

Industry leaders collaborate to maintain power

Dubai International Airport is the busiest airport in the world for international passengers. More than 92 million people fly in and out of the airport in Al Garhoud every year. Reliable power is essential for such a vital transportation hub, but certain regional conditions, such as sandstorms, can cause low light and power outages. [PowerCo Systems International Ltd.](#) is a diesel generator set provider for backup and emergency solutions, providing the Dubai International Airport with standby and emergency back-up power for over a decade.

A necessary engine upgrade

The Perkins® 5000 Series is a fully electronic range of inline six and eight cylinder and V12 and V16 cylinder engines with a range of 750 to 2500 kVA of power potential. The 5000 Series was designed to provide quick, reliable and cost-effective power. In November 2024, PowerCo updated its generator sets to the [Perkins® 5008 engine](#) with 1250 kVA prime power to meet rising power requirements for the airport.

The long-term collaboration between PowerCo and Perkins meant the generator set was ordered, assembled, installed and commissioned in only five months. [PowerCo supplies prime and standby power](#) to hospitals, factories, offices, construction sites, airports, banks, telecommunications systems or other entities where reliable power is essential.

Key Facts

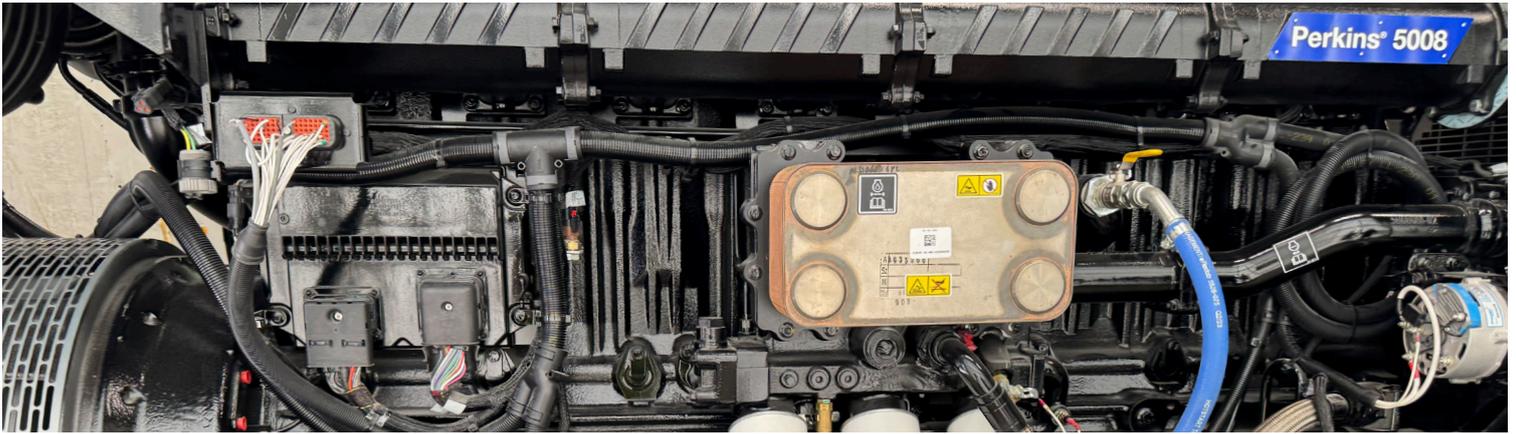
Customer
PowerCo Systems International Ltd.

Project Location
Dubai

Engine model
Perkins® 5008

Application
Generator Sets

OEM website
generatorsets.co.uk



The engine behind the generator sets

PowerCo chose the [Perkins 5008 engine](#) for the Dubai International Airport project. Perkins 5000 Series engines are designed for critical power applications, baseload, prime and standby power. The 5000 Series has been optimised and tested to deliver cost-effective, reliable performance, no matter the location or demand.

“The Perkins 5000 Series engines were a good match for the specifications of this project,” says Chris Errington, sales manager of PowerCo. “They allowed us to meet the U.S. EPA Tier 2 requirements and power output requirements. We knew the 5000 Series would be reliable because of our success with the 4000 Series over the years.”

The critical industries served by PowerCo need dependable power solutions. PowerCo clients have sophisticated applications that take specialisation and customisation. Customers need efficiency, minimised fuel costs, increased output and modularity to meet the demands of expanding business.



“We’ve found Perkins engines to be very good, very reliable and very acceptable in the industry.”

— Chris Errington, PowerCo

Maximum support behind the engine

When so many people are counting on flights to be on time, there can be no room for outages or lapses in power. Perkins engines have proven to be incredibly dependable for PowerCo, but in the rare instance there is a problem, the Perkins team has been quick to find solutions. “The distributor network globally has always been helpful when it’s been needed, which isn’t very often,” says Chris. “We want to be confident that what we’re supplying is going to do the job, and it’s going to be reliable. We’ve been satisfied with the Perkins brand. It’s proven itself time and time again.”

Keeping an eye on a sustainable future

In this ever-evolving industry, engines need to be engineered for high efficiency, low fuel consumption and global emissions compliance. The Perkins 5000 Series is purpose-built to meet these demands, making it the ideal choice for today and tomorrow.

🕒 *Together, we power ahead.*



PowerCo diesel generator sets are powered by the **Perkins® 5008 engine**. This power-packed engine is designed to provide reliable emergency power for long hours in unstable conditions where it’s needed most.