

Our energy working for you.™



Standby Power

Case History

Meezan Bank

Where:

Karachi, Pakistan

What:

Three C1100 D5 generator sets and a C550 D5, controlled by a DMC 1000 Load Management Panel.

Purpose:

Standby power for new head office building.

Cummins Power Generation powers bank HQ in Karachi

Meezan Bank, the largest Islamic bank in Pakistan, has chosen Cummins Power Generation as the supplier of standby power for its new head office building, which needs backup power in case of load shedding. Four Cummins Power Generation generator sets will be deployed by distributor Orient Energy Systems (Pvt.) Ltd. (OES) as part of an automated power management system.

The new head office facility is situated at Karachi's Business Centre in S.I.T.E. area. When complete, the seven storey building will provide extensive office space as well as gym, swimming pool and mosque. To support the site, the generator sets will self-generate power and be required to operate 4-5 hours daily.



A DMC 1000 Load Management Panel controls four Cummins Power Generation generator sets



Three 1000 kVA C1100 D5 generator sets deliver 800 kW of prime power each

The contract win is a significant one for Cummins Power Generation and OES. Meezan Bank is a high-profile publicly listed company in Pakistan. It was incorporated in early 1997 and started operations as an investment bank later that year, but in 2002 - in an historic initiative - the State Bank of Pakistan granted Meezan Bank the country's first fully-fledged commercial banking licence as a dedicated Islamic Bank.

OES won the contract in the face of competition from Caterpillar, AKSA and FG Wilson. The Cummins Power Generation solution was selected because of its competitive price, product quality, reliability, low fuel consumption, low noise emission and its round-the-clock after-sales service and support - and OES's ability to offer immediate delivery to the client.

The total power requirement of 2200 kVA is covered by four Cummins Power Generation generator sets controlled by a DMC 1000 Load Management Panel. Three 1000 kVA C1100 D5 generator sets deliver 800 kW of prime power each, and a single 500 kVA C550 D5 delivers 400 kW. Standby ratings are 1100 kVA/880 kW for the C110 D5 generator sets and 550 kVA/440 kW for the C55 OD5.

The entire power system is designed to operate automatically. The generator sets follow an automated synchronisation, load sharing and load management scheme, while control of the generator sets is integrated with the bank's Building Management Systems. They are installed in a specially designed room, with provision for air

Cummins Power Generation has been chosen to provide reliable standby power to the head office building of Meezan Bank Limited, Pakistan's largest Islamic bank.

ventilation. OES designed the power house room in partnership with consultant SAS Engineers

Meezan Bank's new HQ building provides ample room for the Bank's current and future expansion plans. The overall plot size is 10,000 square yards, including parking spaces for more than 300 cars, with a covered area of around 250,000 square feet including around 230,000 square feet of office space. Meezan Bank has been expanding rapidly since its founding, successfully establishing 230 branches in 63 cities across Pakistan.

The Bank has won a number of local and international awards that include 'Best Islamic Bank in Pakistan' by Islamic Finance News of REDmoney Group, Malaysia from 2005 to 2010, 'Best Islamic Financial Institution in Pakistan' for 2009 and 2010 by Global Finance Magazine, New York, 'Best Islamic Bank in Pakistan' for 2009 by ASIA MONEY Magazine, Hong Kong and 'Islamic Bank of the Year' for 2009 by CFA Association of Pakistan.

For more information about integrated standby power systems, contact your local Cummins Power Generation distributor or visit www.cumminspower.com.



Our energy working for you.™
www.cumminspower.com

©2011 Cummins Power Generation Inc. All right reserved. Cummins Power Generation and Cummins are registered trademarks of Cummins Inc. "Our energy working for you." is a trademark of Cummins Power Generation. F-2318