



# Prime and standby power

## > **Case History** Warid Telecom

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### **Where:**

Pakistan

### **What:**

300 generator sets, model C33 D5 powered by 4B3.3 model engine

### **Purpose:**

To provide standby and prime power to Warid Telecom, one of six cellular operators in Pakistan

### **Primary choice factors:**

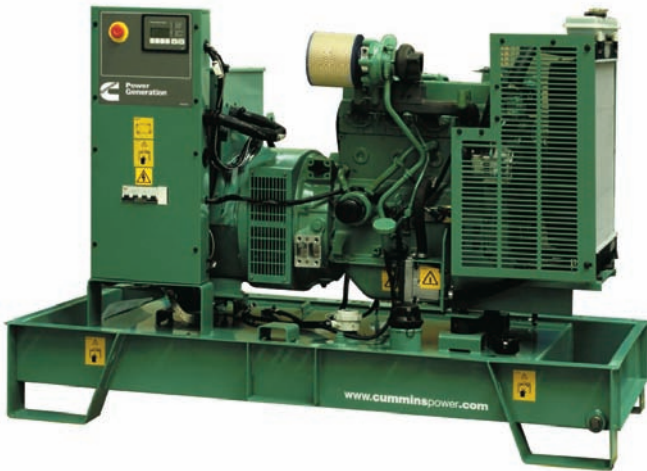
- Cummins Power Generation product's proven ability to deliver power in challenging terrains/environments
- Previous experience in the telecoms market
- Efficient and economical after sales service

### **Cummins Power Generation proves the reliable choice for telecoms**

PAKISTAN - Warid Telecom is a joint venture between the Abu Dhabi Group and Singapore Telecommunications Ltd (SingTel), and is the third largest mobile operator in Pakistan, achieving one-sixth market share over the last two years.

Telecom giant, SingTel acquired a 30% equity stake in Warid Telecom in 2007, marking a partnership that is part of a strategy to support Warid Telecom's continued growth and to enhance its market position.

Recognising Cummins Power Generation's established credentials and proven capabilities in the telecommunications industry, following the successful delivery of six generator sets to rival company Telenor Pakistan, Warid Telecom was keen to explore the business advantages that could be achieved by establishing a working relationship with the company.



C33 D5 generator set with 4B3.3 engine



Installation of C33 D5 generator set

Warid Telecom was particularly interested in sourcing generator set solutions that could deliver both standby and prime power even in the most difficult terrain. This is because it has installations in some of the most difficult environments in the country including high altitude and extreme weather conditions.

Given Cummins Power Generation's proven product reliability, even in the harshest conditions, Warid Telecom chose 300 Cummins Power Generation C33 D5 generator sets operating on 50Hz, to deliver 33 kVA (standby) and 30 kVA (prime) of power each.

The C33 D5 is a fully integrated power generation system, providing optimum performance, reliability and versatility for any application. It features the rugged 4-cycle industrial 4B3.3 diesel engine, delivering reliable power, low emissions and fast response to load changes and comes with the Power Command electronic control as standard. This enables it to be controlled remotely with precise voltage regulation making it ideal for hard to reach installations.

Qamar Uz Zaman Khan, National Manager Engineering, Warid Telecom "Cummins Power Generation has successfully completed the supply of a significant number of generators - 300 units - in a relatively short time frame and we have been impressed by the ease and seamless handling of such a large scale operation".

For more information about integrated prime and standby power systems, contact your local Cummins Power Generation distributor or visit [www.cumminspower.com](http://www.cumminspower.com).

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