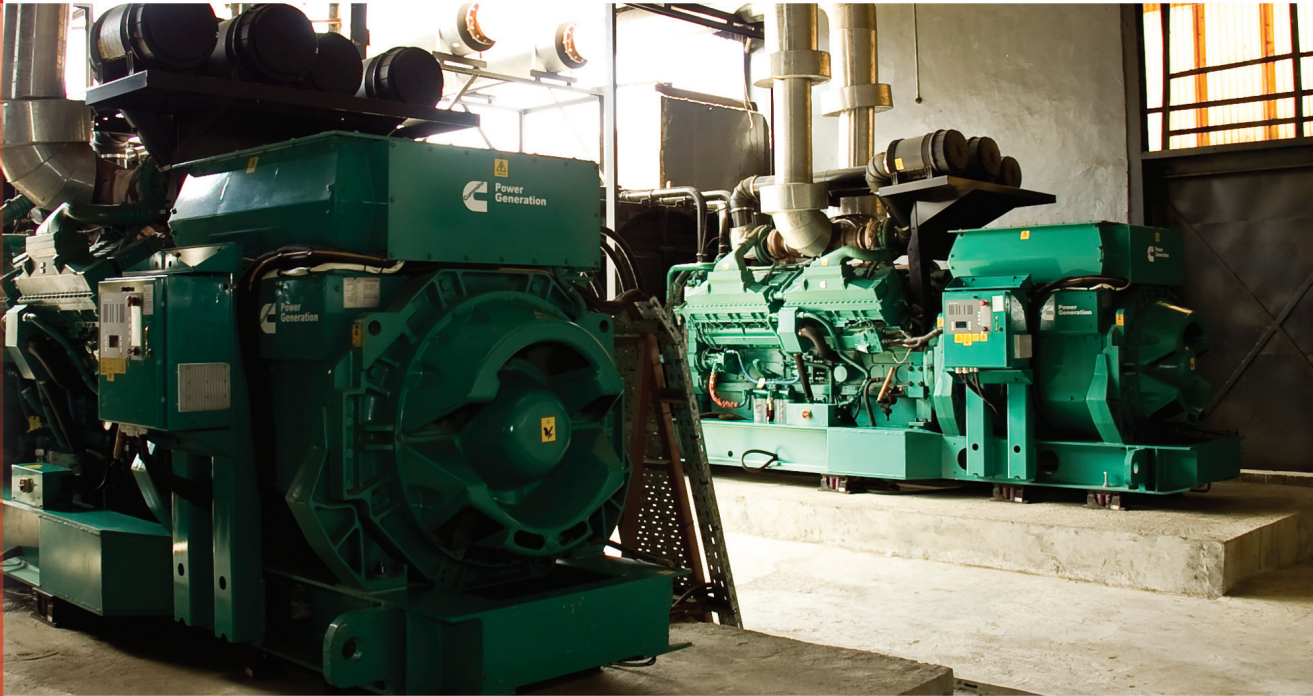


Our energy working for you.™



# Prime Power

## Case History

University of Lagos

### Where:

Lagos, Nigeria

### What:

Three C2250 D5 2000 kVA generator sets, one C1675 D5 1400 kVA generator set, an MV Synchronization Panel and a DMC 1000 controller.

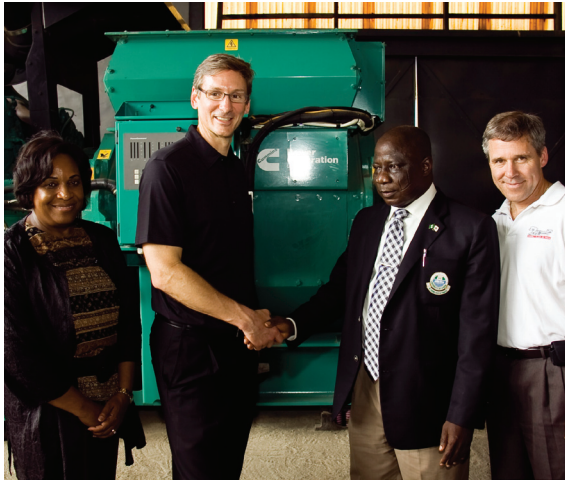
### Purpose:

Replacing obsolete low-speed generators.

## University of Lagos calls on Cummins Power of One™

The prime power supply to the two campuses of the University of Lagos was in need of modernisation. The low-speed diesel generators installed 20 years ago had become obsolete and were expensive to maintain. Cummins Power Generation distributor Cummins West Africa Limited (CWAL) was selected to update the system, thanks principally to its ability to offer the Power of One™ – power systems that are not just integrated but pre-integrated.

The University of Lagos comprises two campuses, both on the Mainland of Lagos. The main campus, known as UNILAG, has a scenic waterside setting at Akoka, on 802 acres of land almost entirely surrounded by the Lagos lagoon. The College of Medicine, University of Lagos (CMUL) is in nearby Idi-Araba. The University has grown rapidly from its modest beginnings in 1962, when the intake of students was little more than a hundred, to more than 35,000 students today, supported by over 3,000 staff.



From left to right: Pamela Carter, President, Cummins Distribution Business Unit; Tom Linebarger, President and Chief Operating Officer, Cummins; Engr. (Dr.) E.A. Adeniran, Director of Works and Physical Planning, University of Lagos; Tony Satterthwaite, President, Cummins Power Generation



20-year-old generators have been replaced by new Cummins equipment

When the project to revamp the power system began with a bid request published in the local newspapers, interest from local suppliers was inevitably very high. After the preliminary stages, CWAL achieved pre-qualified status and, after meetings and negotiations with the University authorities, was selected to deliver the first stage of a proposed 12 MVA campus Power Generation Project.

The first stage, which called for the delivery of a 2 MVA solution for the College of Medicine, was completed in five months from preliminary preparations and transport of generator sets to the site through to the delivery of an MV Synchronisation panel. Work for the main site at UNILAG was done concurrently, starting and finishing a month later than the College of Medicine site.

To date CWAL has supplied three 11kV C2250 D5 generator sets, rated at 2000 kVA, one 400V C1675 D5 generator set rated at 1400 kVA, an MV Synchronisation Panel and a Cummins DMC 1000 control panel. A further generator set, a C1100 D5 rated at 1000 kVA, will be added in the coming months.

*Reliable prime power for two university campuses in Lagos, Nigeria, has been provided by Cummins Power Generation, replacing 20-year-old low-speed diesel generators.*

CWAL was chosen ahead of its competitors thanks to a number of factors. It could demonstrate its installation capabilities, it established it could build an excellent relationship with the customer, and it possessed the required project management skills. But most of all, the key factor in the decision to appoint Cummins Power Generation was the appeal of the Power of One™ – all of the components of a Cummins Power Generation generator set are designed and built to work together, resulting in smaller equipment footprints, reduced installation time and higher system reliability.

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



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