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Prime Power

Case History

Bitexco Financial Tower,
Ho Chi Minh City

Where:

Bitexco Financial Tower,
Ho Chi Minh City, Vietnam

What:

Five C2000 D5 generator sets, each with a 1875 kVA prime power rating, designed for parallel operation of 6000V with synchronisation onto a Medium Voltage Switchboard

Purpose:

To integrate the generators with the power management system that will provide maximum utilisation of the available generator capacity

Primary choice factors:

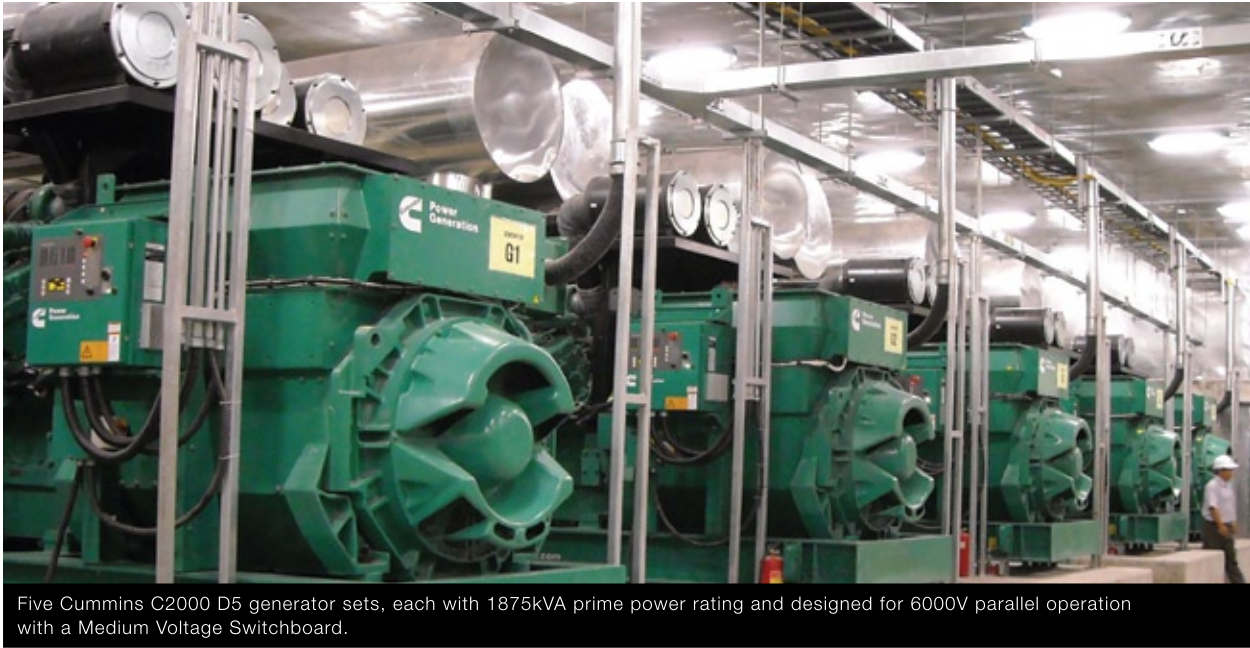
Cummins Power Generation's cost effective and technologically advanced equipment and machinery, and its uncompromising door-to-door after sales services; qualified technicians from Cummins Power

Generation are available 24-7 to meet customer demands in banking, manufacturing, power plant, trading, insurance, post and telecommunication sectors.

Cummins Power Generation's understanding of the customs that come with working with Korean customers, and the availability of local service and maintenance facilities that ensure customer needs are met on time.

Cummins Power Generation powers a city skyscraper

Among the vast skyline of Ho Chi Minh City in Vietnam one building stands out. Labelled the tallest building in Ho Chi Minh, the Bitexco Financial Tower stands at 265.5m in height, overshadowing its surrounding neighbours in the heart of Ho Chi Minh's sprawling Business District 1.



Five Cummins C2000 D5 generator sets, each with 1875kVA prime power rating and designed for 6000V parallel operation with a Medium Voltage Switchboard.

Designed by New York based architects Carlos Zapata Studio, known for their work on buildings such as Soldier Field Stadium in Chicago and the Miami Airport Concourse J, Bitexco Financial Tower shines with an amour of architectural pizzazz – a beacon of superior design and a symbol of Vietnam’s rapid economic development.

The iconic Bitexco Financial Tower is owned by Bitexco Group, a wholly Vietnamese company, and boasts of 68 floors above ground and 3 basements encased in a glass and steel case shaped as a lotus petal, the national flower of Vietnam.

It is the city’s tallest building providing luxurious office space at a prime location in the city.

With over 16 elevators to ensure arrival at any position or floor in the building within 45 seconds as well as an estimated 10,000 people slated to work there, Bitexco Financial Tower requires an energy source such as Cummins Power Generation that is highly reliable, ensuring daily operations within the building go smoothly.

Technologically advanced equipment at a cost effective price

Just as the Bitexco Group enjoys a luminary reputation in the financial world, Cummins Power Generation is a forerunner in the power generator set industry and it is only fair that the best deserves the best.

For such an aesthetically unique building as the Bitexco Financial Tower, touted to be technologically avant-garde, special attention is required and Cummins Power Generation rose to that challenge by designing a paralleling of two groups of generator sets such that they integrated with the power management system to provide maximum utilisation of the available generator capacity.

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In creating the perfect power solution for Bitexco Financial Tower, Cummins Power Generation Vietnam analysed the exact needs of the building in terms of base load and then devised a solution that ensured that the building’s needs were met.

Cummins Power Generation’s ability to provide technologically advanced equipment and machinery, together with round the clock after sales service at a cost effective price was also one of the main factors in the Bitexco Group choosing to use power generator sets by Cummins Power Generation.

With the support of Cummins Power Generation and the Power Of One™, the Bitexco Financial Tower is truly dressed and poised for success.



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