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Prime Power

Case History

Four Seasons Resort
Koh Samui, Thailand

Where:

Four Seasons Resort Koh Samui, Thailand

What:

2 x C1675 D5 with 1500 kVA

Purpose:

To provide reliable power supply as well as aftersales support for base load operations to the Four Seasons Resort

Primary choice factors:

Cummins Power Generation's ability to provide reliable products for a reasonable price within the specified deadline as well as round the clock maintenance and servicing.

Cummins Power Generation powers a tropical hideaway

Surrounded by the clear blue-green waters of the Gulf of Siam, the island of Koh Samui is part of an archipelago of more than 60 islands off Thailand's east coast. White sand, swaying coconut palms and calm waters are emblematic of this quiet, peaceful refuge.

Nestled serenely on the northwestern tip of this mystical island, Laem Yai Bay, surrounded by tropical greenery and wrapped in a lush envelope of verdant foliage and talcum-powder beaches is the Four Seasons Resort Koh Samui.

Maintaining its reputation as a five star hideaway where guests can come to escape from the hustle and bustle of daily life requires not just a scenic location, but also a highly reliable energy source to ensure the hotel's base load requirements are constantly met despite its secluded locality.



The power generator system of 2 units of C1675 D5 (each at 1500 kVA prime power rating) supports the smooth operation at the Four Seasons Resort.

Cummins Power Generation's ability to provide a high performance energy source together with round-the-clock support was a key factor by the hotel's managing company, Minor Corporation Limited, in its selection for Cummins Power Generation to provide the Four Seasons Resort with a power generator system.

A single-source solution

Due to the hotel's reclusive-getaway location, power supply is scarce; hence the generator sets are used to supply continuous prime power throughout the island. While transportation and installation proved to be a challenge; it is one that was overcome by Cummins Power Generation's ability to react quickly to situations and its strength of The Power of One™ that enables each generator set to provide the seamless reliability that only a single-source power solution can provide.

Since the installation of Cummins' generator sets, the hotel has seen a reduction in guest complaints regarding power within the hotel premises

As all components in a Cummins Power Generation set comes from Cummins Power Generation, the inconvenience posed by the installation location was overcome by transporting the generator set in parts and then reassembling, testing and installing on location. After-care maintenance is also adhered to, as

the service team from Cummins Power Generation will tend to the generator sets every 10 days.

The power generator system installed comprises of 2 units of C1675 D5, each with 1500 kVA prime power rating. The generator uses the KTA50 engine with a capacity of 50 liter and V16 cylinder, which is reputable for high power performance even in the harshest conditions. This KTA50 engine is jacket water aftercooled with a 2-pump, 2-loop cooling system design. Its inbuilt step timing control system ensures optimum engine timing at all combinations of load and ambient temperature, improving cold starting light load and fuel consumption.

Since the installation of Cummins' generator sets, the hotel has seen a reduction in guest complaints regarding power within the hotel premises and Cummins Power Generation has earned the confidence of Minor Corporation Limited in preventing power loss in the hotel.

A natural choice for premium high performance

It is Cummins Power Generation's continuous excellence in outstanding service and products that has made them a leader in the industry. Clients are inclined to the natural choice of reliability and confidence on product quality, as well as after-market support on spare parts and professional service staff - all aspects of which is covered by Cummins Power Generation.



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