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**Power
Generation**



Standby Power

Case History

Total Access Communication PLC (DTAC), Bangkok

Where:

Chamchuri Square, Bangkok, Thailand

What:

2 x C1675 D5A with DMC 1000
1 x C900 D5

Purpose:

To provide a complete solution package with power electronics and after-sales support to the DTAC Head Office and operations network site.

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.

The telecommunications industry trusts Cummins Power Generation

As the second largest GSM mobile phone provider in Thailand, and enjoying the second widest coverage nationwide, DTAC supports a telecommunications network of over 16 million customers.

With more than 8,000 base stations and a network service that covers all provinces and districts nationwide in Thailand, DTAC prides itself on delivering quality communication services which keeps the number of calls disconnected lower than the world's standard.



Two units of C1675 D5A with DMC1000 were integrated with an existing 1120 DFCL to provide the electrical backbone for the Srinakarini operations network.

Keeping a large telecommunications network running requires technology of the highest calibre, and equipment of the most unfaltering reliability. A great amount of investment is required in order to ensure smooth operations and minimal breakdown, and selection of the right supplier is a gruelling process and one of critical importance.

Reliability, credibility, quality

For a company such as DTAC, that never stops improving its services, it is critical that it needs an equally credible partner.

Cummins Power Generation was able to tick all the boxes to provide reliable products and a complete solution package with power electronics and aftermarket support for the new Head Office and operations network site. DTAC's senior engineer, Mr. Apinan Umklang affirmed this reliability as he had found Cummins Power Generation's products and aftermarket support to be just as promising.

Besides its excellent product capabilities, the comprehensive 24-hour service support and 2 years of preventive maintenance and warranty definitely gives Cummins Power Generation an advantageous edge from its competitors.

A Cummins Power Generation generator set, C900 D5 with 800 kVA prime rating was supplied for the new Head Office, and two units of C1675 D5A with DMC1000 were integrated with an existing 1120 DFCL

to provide the electrical backbone for the Srinakarini operations network.

Showing flexibility and ingenuity

The installation site in question, DTAC's Head Office was outfitted on the 24th to 32nd floor of Chamchuri Square. This presented a challenge in transporting a large generator up to a high floor as they are usually installed on ground level, however, Cummins Power Generation showed flexibility and ingenuity in delivering, unloading and installing the generator set at the generator room located on the 10th floor of the

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Chamchuri Square where detailed attention could be paid to ironing out minor issues before a complete installation.

By no means was it an easy feat as this was a critical assignment that had strict requirements from DTAC, which were ultimately met. Cummins Power Generation is an integrated service provider that prides itself on trusted reliability, after-market support and customer relations. As a result, this has tremendously helped in establishing rapport and trust among clients and peers in the industry.



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