Market Segment: Telecommunications

POWER PROFILE

Oman Mobile Telecommunications Company LLC

POWER NEED

Oman Mobile Telecommunications Company LLC (Oman Mobile) is a pioneer and the leading mobile telecommunications service provider in Oman.

Oman Mobile has been expanding its customer base from approximately 0.5 million customers in 2004 to approximately 1.7 million customers in January 2009. Oman Mobile is a dynamic and agile market player who provides a wide range of value-for-the-money, cutting-edge wireless voice and data services.

Oman Mobile has active roaming partnerships all over the world allowing its subscribers to connect with an integrated wireless network.

To further improve service to its customers, Oman Mobile required reliable and continuous power supply at its unmanned and remote locations cross the country.

SOLUTION

After evaluating its options between generating their own power and third party rental power, Oman Mobile decided to have a long-term rental contract with Oasis Trading & Equipment Company LLC (Oasis Trading), the local Cat® Dealer in Oman.

Atul Mathur, the Muscat Branch Sales Manager of Oasis Trading notes: "Caterpillar and Oasis Trading were considered because we were able to provide the most reliable and prompt service support over Oman's large geographical area of 300,000 square kilometers."

The ongoing rental power needs for the next three years are covered by about 60 GEP22 generator sets in Sound Attenuated Enclosures (SAE) and several GEP30/GEP44 generator sets in SAEs all over the country.

The GEP22 generator set, rated at 20kVA, includes a naturally aspirated 4-cylinder water-cooled engine. The GEP30, rated at 27kVA, and the GEP44, rated at 40kVA, are equipped with a newly designed 3-cylinder engine to ensure optimum performance at high ambient temperature.

The SAE is a robust, industrial grade, weatherproof enclosure that reduces noise levels to European Community regulation levels. The enclosures incorporate internally mounted exhaust silencers and are of extremely rugged construction to withstand the rough handling common on many construction sites. The enclosures are of a modular design with many interchangeable components permitting on-site repair.

"Oasis Trading not only supplied and installed the equipment all over Oman but also provides 24/7 product support, maintenance and repair services and fuel supply services for all unmanned, remote locations," Mathur adds.

Since signing the rental power supply contract in 1998 with Oman Mobile, Oasis Trading provided reliable power that resulted in high up-time for Oman Mobile, which is something imperative for their countrywide telecom operation.

CUSTOMER

Oman Mobile Telecommunications Company LLC

LOCATION

Several territories of the Oman Mobile Telecommunications Company LLC across Oman

CUSTOMER BUSINESS ISSUE

Continuous electric power supply for unmanned Global System for Mobile Communications (GSM) towers in remote locations without main utility access.

SOLUTION

- 60 Olympian GEP22 Generator Sets in Sound Attenuated Enclosures
- Several Olympian GEP30 and GEP40 Generator Sets in Sound Attenuated Enclosures
- Fuel Supply Management

CAT DEALER

Oasis Trading & Equipment Company LLC, Oman

CATERPILLAR®

RESULTS

Oman Mobile is able to meet its customers' needs and expectations because Oasis Trading provides them with a complete electric power solution – product support and service included.

Mathur notes, "Oman Mobile is very satisfied with the total assistance provided by Oasis. Oasis Trading and Caterpillar could answer Oman Mobile's requirement; including fuel management." As a result, reliable and clean power is generated for their unmanned critical applications.

For more information, please visit www.cat-electricpower.com/pr.

POWER PROFILE

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