



Power projects

> Case History

Port Blair, Andaman & Nicobar Islands

Our energy working for you.™



Where:

Port Blair, Andaman & Nicobar Islands

What:

Relocation of 7500 kVA DG-based power plant from Rangat Bay to Port Blair on Andaman & Nicobar Islands

Purpose:

Immediate power restoration by taking the powerhouse into grid at Port Blair

Primary choice factors:

Provide the much needed power supply to the residents of the Island

Relocation of the 7.5 MVA diesel gensets - based power plant from Rangat Bay to Port Blair.

PORT BLAIR, ANDAMAN & NICOBAR ISLANDS – On December 26, 2004, the Andaman & Nicobar Islands were the worst hit when the disastrous Tsunami ravaged the coastal areas of Southeast Asia. It resulted in large scale destruction and complete collapse of all essential services including power and transportation on the Island. The Island's Electricity Board approached Cummins Power Generation for a solution to restore power immediately in order to bring back some normalcy to life which had been completely paralyzed.

Simultaneously, on January 4, 2005, the Hon'ble Secretary, Ministry of Power approached Cummins Power Generation to shift the existing five 1500 kVA diesel gensets - based power plant configured for Rangat Bay Island to Port Blair at the earliest; thereby helping in meeting a demand of almost 6 MW power.

The Projects' team of Cummins Power Generation, with assistance from the Area Service Dealer and channel partner, Powerica Ltd. decided to execute this challenging operation of power restoration by moving



Powerhouse at Phoenix Bay



Five 1500 kVA diesel genset - based power plant at Port Blair

the five - genset based powerhouse into the Grid at Port Blair with immediate effect. On January 5, 2005, all the gensets from Rangat Bay were shipped to the powerhouse located at Phoenix Bay. On completion of the initial erection and installation, the entire workforce comprising of engineers from Cummins India Limited (CIL), Cummins Sales and Service (CS&S), Powerica Ltd. and Sunny Dealers led by the Projects team worked round-the-clock to restore power at the Island on a war-footing. With support and co-operation extended by the Andaman & Nicobar Island Electricity Board, the team was able to successfully depute the first unit on February 11, 2005.

In a short span of just 30 days, Cummins Power Generation's Projects Division not only relocated the complete package from Rangat Bay Island to Port Blair but also took the genset - based powerhouse into grid. The five gensets guaranteed to operate on continuous basis duly synchronized with the Andaman & Nicobar power grid helped in restoring power supply and bring some normalcy back into the lives of the residents of this Island.

"The speed and efficiency with which the Cummins Projects Division installed the five 1500 kVA gensets at Port Blair is commendable. Their efforts helped us immensely in restoring power supply to this Island."

The Cummins advantage

Unmatched product design using Cummins state-of-the-art technology, coupled with the largest customer support network in the country, ensures SINGLE SOURCE POWER ASSURANCE to customers. Little wonder then, that for over four decades Cummins has been a leading player in power generation technology in India.

Cummins Power Generation is a world leader in the design and manufacture of power generation solutions for a wide variety of standby and prime power applications. For further information on on-site distributed generation of power, contact your local Cummins dealer.

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