



## **APM Terminals Mumbai**

### **TRADE ADVISORY**

#### **Installation of solar panels at APM Terminals Mumbai**

Date : 28 March 2016

Place : Mumbai, India

Dear Valued Partner,

Greetings.

As part of APM Terminals Mumbai's clean solar energy project, solar panels have been installed on the roof of the terminal's Central Gate Complex (CGC) and Engineering Workshop.

The system became fully operational on January 1st, 2016, with a power generation potential of 361,000 kWh (kilowatt hour) units per year. The Solar Panel Installation Project to capture and store energy from the sun for use as electrical power for terminal operations will be undertaken in three phases.

With Phase-I completed, the terminal is now ready for Phase-II which involves the installation of solar panels on the roof tops of the STS (ship-to-shore) crane machine houses, with the expected completion date of June 2016, following trial testing. The panels will generate an additional 220,000 kWh (kilowatt hour) units per year.

Phase-III of the project is currently in the conceptual stage and will cover a wider surface area, resulting in solar generation of approximately 15% of the terminal's total annual power requirement, approximately five million kWh (kilowatt hour) units per year.

With the solar panel project we look forward to enhance environmentally sustainable business operations.

Warm regards, Ruby

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