



# Diesel power

## > Case History

Magarpatta Township Development and Construction Company Ltd., Pune, Maharashtra, India

**Our energy working for you.™**



### **Where:**

Magarpatta City, Pune, Maharashtra

### **What:**

Installed and commissioned 74 gensets (two 2000 kVA, four 1000 kVA, one 750 kVA, forty five 500 kVA, nine 380 kVA, one 250 kVA, six 160 kVA, one 62.5 kVA, one 50 kVA, three 30 kVA and one 25 kVA) to meet back-up power requirement of 36 MVA capacity

### **Purpose:**

Standby power for Cybercity, commercial and residential complexes within the township

### **Primary choice factors:**

Uninterrupted and quality back-up power in less than 10 seconds



## **36 MVA of uninterrupted round-the-clock power back-up for Cybercity, commercial as well as residential complexes of Magarpatta City.**

MAHARASHTRA, INDIA - Magarpatta City, a project of Magarpatta Township Development and Construction Company Ltd., located just 7 kms from Pune railway station and 5 kms from the city's buzzing business centre, is poised to emerge as one of the largest Cybercity creations of the country. A 400 - acre project to be completed in phases, Magarpatta City houses some of the top companies such as EXL Service, Avaya India, Sybase Software, Aviva, Amdocs, EDS, Mellon India, Accenture, Option One, Principal, Patni Computers and John Deere on its premises. The residential area offers more than 10,000 apartments and 300 bungalows with essential amenities such as hospital, schools and colleges as well as exciting leisure and entertainment facilities like amphitheatres, cultural centres, aqua sports complex, shopping malls, entertainment centres and a mini golf course.

For this colossal project, the customer needed a power solution that could guarantee round-the-clock, uninterrupted power back-up within as less as 10 seconds of a utility failure. Since the complex comprises of several IT and BPO companies, commercial complexes and residential buildings, a synchronized



Cummins installations (two 1000 kVA, one 750 kVA & eleven 500 kVA) behind Tower III at Magarpatta City



Aerial view of the fourteen Cummins gensets behind Tower III at Magarpatta City

system with load sharing for optimum utilization as well as zero downtime were the other critical requirements that needed to be considered.

To meet the required needs, Cummins Power Generation and channel partner, Powerica Ltd. offered customized genset packages for each of the four towers and several other buildings located within the Cybercity. The genset configuration installed at Magarpatta City comprises of two 2000 kVA, four 1000 kVA, one 750 kVA, forty five 500 kVA, four 380 kVA and five 160 kVA acoustically enclosed gensets, synchronized to provide back-up within seconds of a utility failure which is ensured through a technologically advanced, synchronized schemes and AMF panel.

*“Considering the magnitude of the project in terms of the large residential and commercial complexes requiring power back-up, the system installed has been extremely efficient in restoring power in less than 10 secs of a utility failure.*

*Over the years, the reputation earned by Cummins in successfully providing solutions for time tested projects in critical applications of IT Parks was a major factor*

*for choosing this brand over its competitors to offer us the ideal power solution.”*

*- Umesh Magar,  
Director - Technical, Magarpatta Township  
Development and Construction Company Ltd.*

During the execution of the project, all immediate power requirements for emergencies and exigencies were handled with utmost efficiency by offering customized solutions within stipulated response time, including rental gensets in less than 24 hours in some instances.

#### **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 our 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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