

# MAGNA

Magna Electro Castings Ltd,  
43, Balasundaram Road,  
Coimbatore - 641 018,  
Tamil Nadu, India.  
Email : [magnacast@vsnl.com](mailto:magnacast@vsnl.com)  
Web : [www.magnacast.com](http://www.magnacast.com)

*Ductile Iron Components.Made Easy.*

**News Letter No: 58**

**November - 2006**

**Sub : Magna's march towards a green future.**

The actions Magna has undertaken towards becoming a green foundry has started yielding results and we present them for your information.

**a. Generation of renewable energy**

Magna has installed two Wind Electric Generators with a total installed capacity of 2400 KWH. These two Wind Electric Generators generated more than 7.5 million KW units since April 2005, accounting for more than 40% of the total energy requirements of Magna.



**1650 KW Wind Electric Generator installed by Magna, is mounted on a mast 70 meters and has a Swipe area of 40 Meters Diameter making the whole of 110 meter high**

**b. Green belt development**

Magna has sponsored the plantation of 3000 trees consisting of the native jungle variety. These trees are planted in

waste land which is to be converted as a Zoological Conversation Park by a Non-profit Organization. The location is in western ghatts at a height of 2700 ft from Main sea level. This small bit of greening will nullify the CO<sub>2</sub> emissions produced at our factory



**Trees planted by Magna**

### c. Rain water harvesting

Magna has built up a rainwater harvesting facility in May 2005. This Rainwater harvesting plant has a surface area of 150000 Sq ft. This is percolation type pond with a storage capacity of 1.5 million liters. This Rainwater Harvesting facility is used to store the water from roof and surface all along the factory premises, which otherwise go unutilized. The stored water is used to domestic applications apart from recharging the ground water level. After inception of this rainwater harvesting facility Magna's total external water consumption has considerably come down from 480,000 liters per annum to 240,000 liters per annum.



These steps are few of Magna's milestones in its efforts to become a green foundry with self-sufficiency in water and electricity.