

Greenolution *Digest*

Greenolution e-Newsletter, July 2014

Guardians of the Green

COVER STORY 2

GLOBAL CASE STUDY

How can you contribute to energy conservation?

4

Write for Greenolution & get it published on the blog: www.tatapowergreenolution.blogspot.in
Topic for this month: Rain Water Harvesting
You may share your ideas and/or pictures and other interesting bits on rain water harvesting on greenolution@tatapower.co.in

GREEN CLICK 7

GREEN QUIZ 6

Guardians of the Green

**COVER
STORY**



Sapling distribution drive

In a step towards getting nature-friendly, the Tree Plantation Committee at Jojobera organized a 'Sapling Distribution' drive on June 5 and 21, during the sustainability month. As many as 100 saplings were distributed among the employees during the course of the drive. The employees took the saplings home to add to the greenery in their premises.



Pigeon rescuer



An injured pigeon was rescued by Mr. Binay Jena in Vikhroli and later freed after offering it food and water. Mr. Jena found the crow hurting the pigeon and rescued it immediately. He then offered the bird some food and water before freeing it.

Turtle rescuer

Employees in Bhira rescued a turtle and successfully and let it go into its habitat. The monsoons are when turtles increasingly move about along the water bodies. In such times, they also end up coming in the way of fast-moving traffic and injuring themselves. The team, comprising Naresh M Gharat, Neelesh Chorge, Vittal S Sathpute, Rupesh R Dalvi, and SK Reddy of Bhira, acted fast and rescued the animal.



COVER STORY

Guardians of the Green

Water saviour!

Mr. Abhay Pednekar adopted rain water harvesting at his residence to be able to save water. He has managed to bring this initiative home at a cost of Rs6,500.



Water conservation



Mr. Nandkishor Dahule from Mechanical Maintenance Department, CGPL, noticed that each time PRV in the fire water line was operated, service water in the fire line would be drained into the nearby trench. This way, nearly 1,500 litres of service water would go down the drain. Mr. Dahule had an idea to connect the drain line in question to the service water tank. This has led to the water that was earlier let out in the drain, back to the tank. This initiative has helped the facility conserve approximately 1,500 litres of water per day.

Care for environment by reusing old furniture

The SPOM team has converted a room that was earlier used as record room by Administration department to a conference room. This room has been re-designed by using old tables and chairs and now serves as a conference room for conducting meetings to review project related activities. Reusing of old furniture has helped in saving of trees and team has demonstrated their commitment to care for environment.



Energy conservation



A team from Trombay undertaken an initiative to save electricity at the Trombay Thermal Power Plant. They have replaced damaged AC sheets with transparent roof sheets and non-electric wind turbine ventilators at Main Stores Shed for conservation of electricity. These sheets and ventilators require zero maintenance and are very beneficial. This change is estimated to save 81271 units of electricity every year which is equivalent to approximately Rs. 4 Lakh per year.

GREEN QUIZ

Quiz

1 How long does it take a 100-watt light bulb to consume 100 watts of energy?

- A. 1 Hour
- B. 24 hours
- C. 1 Minute

2 How much power does a CFL bulb use in comparison to a standard bulb?

- A. One-tenth
- B. One-third
- C. Two-thirds

3 What is the best method for reducing your personal computer's energy use?

- A. Keep just one program running when you leave your desk
- B. Put the computer in sleep mode or deactivate the screen saver
- C. Close all open programs

4 This energy is the heat generated by natural process within the earth. The main energy sources are the hot rocks, magma, geysers, and hot-springs. This form of energy is known as

- A. Solar energy
- B. Geo thermal energy
- C. Ocean thermal

The winner for last issue

Dheeraj Pareek, Lead Engineer - QA, I&T

Congratulations!



**GREEN
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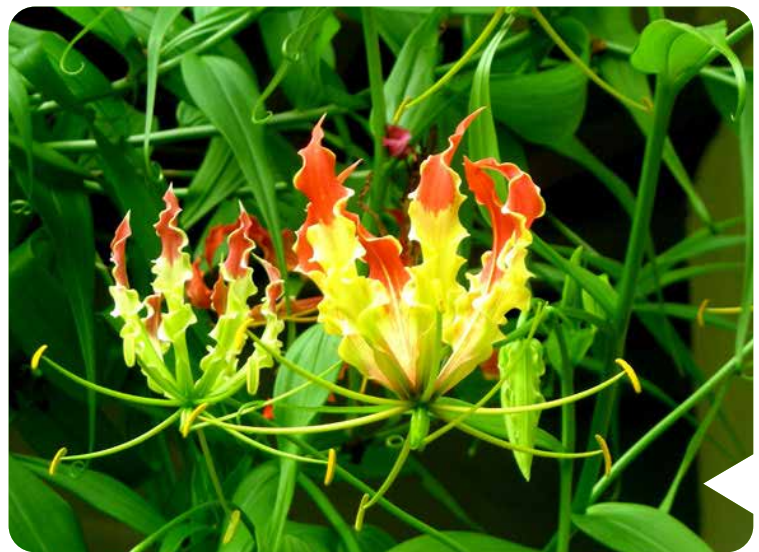
Amresh, Tata Power Solar



Arpit Patel, CGPL



S.Patnaik, Jojobera



Sanket Kulkarni, SED