



Rain water harvesting at Bhivpuri!

Previously the rain water was wasted as it was flowing to the ground through the rain water gutters. It was decided to utilise this water by accumulating it in tanks and use it for recharging the ground water and later for gardening. Accordingly the rain gutters were modified and the water was diverted using PVC drain pipes into the barrel which has been buried in the ground. The pit is also filled with small pebbles to prevent evaporation and facilitate storage.

Great work by team Bhivpuri!

Benefits:

1. The scheme has been very successful and team were able to save almost 3150 m³ / year of water during monsoon.
2. Reduction in running of CS pumps due to availability of stored water thereby reduction in energy consumption. There will be saving of 1099 KWh / year. The project will yield a saving of Rs 2044 / year and payback of the will be around 5 years.
3. Improvement in water table of the ground.
4. Achieving Green Manufacturing Index.

Green hero:

Mr. Gorade Akash, Mr. Kamath Dhiraj, Mr. Vijay Desai, Mr. S V Chavan, Mr. Shinde Santosh and M/s. Jaldhara Enterprises





In-house making of safety boards!

Mr. Nikhilesh Kamble from WREL, Karnataka made safety instruction boards for for 66KV switchyard using scrap sheets available at plant site.

Good work!

Benefits:

1. Reuse of scrap
2. Proper identification of hazards inside switchyard with pictures is now available

Green hero:

Mr. Nikhilesh Kamble





Rescuing a bird!

Mr. Nandkishor Gawali and Mr. Vinayak Shirke from Khopoli division rescued wild bird from GT Switchyard given him water and food and released it in its natural habitat.

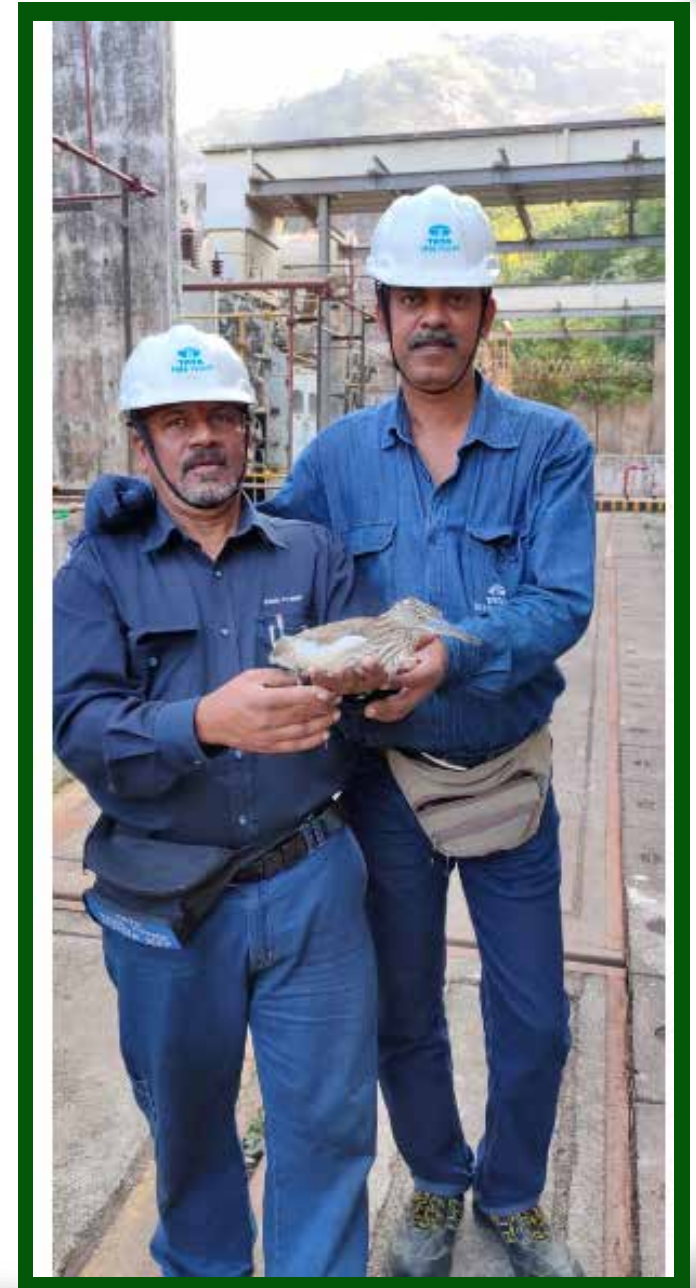
Kudos to green heroes!

Benefits:

Conserving wildlife can be a preventive step to stay safe prior to any unforeseeable environmental issue.

Green heroes:

Mr. Nandkishor Gawali and Mr. Vinayak Shirke





Saving water by changing the line size!

Kalinganagar - control desk team reduced the water consumption by changing the line size from 3 inches to 1 inch. There is a practice of sealing U-Seal of BFG and COG during the boiler shut down for which team was using water as a sealing and previously 3 inch line was being used. It was resulting high consumption of water during shut down. Instead of 3 inch line, 1 inch by pass line was taken for sealing to reduces the water consumption.

Great work!

Benefits:

1. Saving of 25 m³/day water in each boiler for gas pipe line sealing. Total 75 m³/day water was saved during the boiler shut down.

Green heroes:

Mr. Priyabrata Padhi, Mr. Pinaki Sur, Mr. Sukalyan Saha and Mr. Sadashiba Sahoo





Growing organic at Khopoli!

Team of employees from Khopoli Power House, used STP treated water and compost from canteen waste for growing organic vegetables.

Good work!

Benefits:

1. Organic food has more nutritional superiority
2. Reuse of water
3. It avoids chemical pollution

Green heroes:

Mr. Vikas More & Mr. Bharat Ovhal.

