



50 KW Micro Hydro of Bhivpuri!

Bhivpuri Generating Station comprises of 3 x 24 MW vertical pelton turbines and 2 x 1.5 MW tailrace Units (TRPH). The water after main powerhouse generation used to overflow and get wasted over the TRPH Dam. The overflowing water has now been channelised through the scoring valve of the TRPH Dam on which team Bhivpuri have fitted a 50KW micro hydro turbine. The Project is in service since April 2019 and generating around 300 – 350 Units per day. Total generation till date has crossed 25,000 Units and the scheme qualifies under micro hydro. The Hydro team is working with M/s KITL for further development on such Projects.

Kudos to green heroes!



Benefits:

- The scheme qualifies as micro hydro and attracts a tariff of Rs 5.86 / kWh .
- The Project can qualify for a PPA with Distribution Company as it will be compliance to RPO.
- The Project also provides an opportunity to generate and trade energy certificates on the exchanges.
- The scheme can yield an IRR of 18% at a PLF of 45% .



Green heroes:

Mr. Kamath Dhiraj, Mr. Gorade Akash, Mr. Kulkarni Sandeep, Mr. Pingale Santosh, Mr. Shinde Santosh, Mr. Valanju Vishal, Mr. Nair Aneesh , Mr. Ghatage Nagesh and Mr. Mate Vivek



Tree Mittra of WREL Gujarat DMS-MMS Plant Site!

Team WREL Gujarat DMS-MMS Plant Site planted 2301 trees at DMS – MMS site of WREL Gujarat and near Village School.

Kudos to green heroes!

Benefits:

On an average, a large well grown healthy tree inhales 20.3 kgs of CO₂ in a year and exhales enough oxygen for a family of four for a year.

Green heroes:

Mr. Harshal Desai, Mr. Manoj Bhimani, Mr. Jayesh Rana, Mr. Babu Thakor, Mr. Dharshing Solanki, Mr. Nirav Pandya, Mr. Devesh Patidar, Mr. Vakhat Zala, Mr. Jugaji Dhabhi and Mr. Vishnu Khatana





Use of conveyor belt in an innovative way!

Mr. Milind Rawal and Mr. Santosh Tripathi from CGPL used scrap of conveyor belt as a pathway topping in Biodiversity Park.

Good work!

Benefits:

1. Reducing waste material
2. Saving of budget for pathway making and maintenance (Approx. Rs 2.25 Lakhs)

Green heroes:

Mr. Milind Rawal and Mr. Santosh Tripathi





Paper recycling by Trombay Security!

Security department of Trombay has recycled 3900 Kgs old papers. Recycling of the old papers also helped in 5-S of the record room.

Good work!

Benefits:

Recycling paper conserves natural resources, saves energy, reduces greenhouse gas emissions, and keeps landfill space free for other types of trash that can't be recycled.



Green heroes:

Mr. Ghanshyam M Gupta, Mr. Pan Singh Bani, Mr. Kailas Hadawale, Mr. Dilip Avhad, Mr. Prem Prakash, Mr. Manoj R Kadu, Mr. Anand Maruti Shirsat, Mr. Satyawan Vasant Ghadi, Mr. Krishna Ganpati Natle, Mr. Vinod Vishwanath Shinde, Mr. Dilip Shankar Patil, Mr. Sameer Vishnu Padekar, Mr. Vikas Rajaram Lale, Mr. Shambhu Guguli Thakur, Mr. Deepak Sitaram Wandre and Mr. Ashok Laxman Shenvi



Tree Mittra from Samana Wind Farm!

Mr. Bipinikumar Sutariya and Mr. Vinod Koli from Samana Wind farm site initiated tree plantation activity along with the contract employees. They planted 20 saplings near office site.

Great work!

Benefits:

Trees can sooth and relax us and help us connect to nature and our surroundings. The color green - is a calming, cool color that helps your eyes quickly recover from strain.



Green heroes:

Mr. Bipinkumar Sutariya, Mr. Vinod Koli, Mr. Hitesh Agravat, Mr. Mayur, Mr. Hasmukh Chavda, Mr. Dinesh Bheda, Mr. Dipen Faldu, Mr. Umesh, Mr. Bhavesh and Mr. Pravin Rathod