



Saving Resource at Dahisar DSS!

DNMG North Zone built and installed an in-house automatic DC emergency light circuit. The team reused the scrap material for making it and achieved cost savings of Rs. 10,000.

Good work team DNMG!

Benefits:

1. Reuse of natural resources.
2. Cost saving of Rs.10,000/-

Green heroes:

Rohit Bamgude, Pramod Jadhav, Amit Dalvi and P.P Tendulkar





Installation of foot operated taps at all wash basins in PH#6!

Team Jojobera developed and installed foot operated taps for wash basins in the entire plant area. This will not only curb the spread of infectious virus but also reduce the wastage of water.

Great work!

Benefits:

1. Improved safety
2. Saving of water

Green heroes:

Krishna Soren, Akancha Verma and NK Munda





Reuse of old CFL for home decoration!

Mr. Priyabrata Padhi from IEL-Kalinganagar used old and fused CFLs for the home decoration.
By this creative idea he was able to minimize the e-waste.

Good work!

Benefits:

1. Recycling of the waste

Green hero:

Priyabrata Padhi





Making CGPL Green!

Under the Leadership of Mr. A. N. Ramesh, CEO- CGPL, the team strived to make CGPL green. Every department has proactively participated in the Plantation Drives. This is a step forward for making CGPL more greener in the arid climatic zone

Kudos to CGPL leadership team!

Green heroes:

A N Ramesh, Shirish Kamat,
H B K Patnaik, Pradeep Ghosal, Satish
Prabhu, Alok Uppal, Ashish Srivastava,
B R Zala, Rajesh Jagani, Prafulla Kukde,
Col. Dinesh Singh Deo. Pramod Singh,
Aseemkumar Joshi and Hemant
Karadkar





Sensor based water level controller at Loksarita CSS!

At Loksarita CSS, water Logging was a frequent problem. Initially team carried out the civil work for water logging prevention but manual water removal through diesel pump during heavy Rain was difficult task. In this case, constant monitoring of the condition of water logging by visiting the CSS was mandatory.

Team took an initiative to control water Logging in the following two stages:

1. Automatic sensor for controlled water removal

3 Sensors along with water logging controller were used in this stage. When water level reaches the limit, sensor sends the signal to the controller. It converted DC signal to AC signal to start the motor which pumps the water out.

2. Flood level alarm

At this stage, 4th sensor is connected to the bottom of RMU frame. When the water reaches its limit, the sensor would send signal to the PSCC via FRTU. This signal is a flood level signal.

Cost Saving :

1. Total Cost incurred for implementation of this project is around 9800/- for One CSS.
2. Cost for providing the Hiring Diesel Pump and Services for starting the Pump Manually in Rainy season of 4 Months is around 1.6 Lakhs.
3. Total Saving= Saving for Hiring DP and Services - Cost for implementation of project.
 $= (1.6 \text{ Lacs} - 9800/-) = 150200$ for each CSS. (Approximately 1.5 Lakhs for every CSS).

Environmental Advantages :

- 1) To reduce the carbon footprint by reducing site visits for monitoring of water Level, start / switch off of diesel pump on each day during rainy season.
- 2) To eliminate the consumption of diesel which was earlier used in diesel pump for water removal.



Green heroes:

Rohan Hundiwale and Pratik Nayak