



Recycling and cost saving!

Team of employees from WREL-Panchapatti -50MW reused damaged inverter doors to make the safety signage board hoardings and installed them across the plant. It helped in recycling scrap and cost saving.

Kudos to green heroes!

Benefits:

- Cost saving
- Scrap reuse
- Resource saving

Green heroes:

M.Ranjith, Karthik, M.Govindaraj, Prashant, Deepesh, Debasish and Vengatesh





Training to eliminate microplastics!

Mr. G Maharajan from Kalinganagar, observed canteen staff cutting milk packet with a small triangular cut. He was aware that these small pieces of plastics can become microplastics which are not easy to recycle.

Microplastics enters into ecosystem and harm animals as well as human beings. If it is in land fill then it will obstruct the flow of water.

Mr. Maharajan has started giving awareness to his colleagues and relatives to give a horizontal cut instead of snipping off the edges of the milk packets.

Great work!

Benefits:

Daily 40 milk packets are being used In the Kalinganagar division daily. Which means, there are 14,600 milk packets are being snipped off into small triangular piece every year. Because of this initiative team have saved total 14600 tiny micro plastics in this initiative.



Green hero:
G Maharajan



Tree Mittra from Mithapur site!

Team of Solar O&M planted 235 trees at Mithapur 25MW site. The team has taken this initiative to increase green cover and as a part of Tree Mittra initiative.

Kudos to our green heroes!

Benefits:

- Increase in green cover
- Planting tree reduces stress and improves air quality of the surroundings

Green heroes:

Hathiya Jitu, Vajshi Chavda, Bhavesh Manek and DoluBha Kumbhani





Tree Mittra from Andhra Pradesh!

Team WREL participated in the Tree Mittra initiative. They planted 10 saplings at 30MW Kadapa district of Andhra Pradesh.

Good work!

Benefits:

Trees act as nature's buffers. They act as natural flood control, improve neighborhoods and decrease adverse effects from man-made environmental changes.



Green heroes:

Mohammad Imran, Aaquibmiya Shaikh, Suresh Giri and Bhuvaneswar reddy



Paper reduction to support Greenolution!

The installation and Commissioning of EHV cable projects is very expensive and crucial, hence quality checks are much imperative. To reduce the errors in quality and safety requirements, paper based checklists are available. These checklists are required to be filled and maintained as records. To reduce the paper consumption and to make the process handy, team Trombay made the all EHV cable jobs related checklists available digitally through a Mobile App - "Dynamic Forms". All EHV cable engineers are provided with access to app and can access the application as and when required. This helps in maintaining record digitally in system for the future use.

Good work!

Benefits:

- Saving of natural resources.
- Efficient maintenance of records.

Green heroes:

Sirdesai Narayan, Vilas Patil, Yadnesh Gawali and Arvind Pophale.

Checklist for inspection of joint bay before backfilling			
Sr. No.	Points	(Joint bay No -) Date -	Remark
1	Proper housekeeping done in Joint bay		
2	Cable alignment done properly		
3	Cable supporting done properly		
4	Brick wall on both side of joint bay with sleeve		
5	Cable protection done while constructing brick wall		
6	Co-axial cables are properly laid		
7	Co-axial cables are properly covered by construction wall and filled with sand		
8	Cable entry through link box chamber is properly closed		
9	Co-axial cable properly safe guarded while cable entry closing		
10	Check earthing connection for grid earthing		
11	Ensure tightness of co-axial cable connection in linkbox		
12	Ensure link box is fit		
13	Ensure OFC duct pr		
14	Sand filling upto RC		
15	Warning tiles to be		
16	Stenciling to be do provided		
17	Warning tape provi		

Cable Trench Excavation_1.0	
Submitted on: 19-07-2021 09:36:12 PM Submitted By: safety/p22	
Cable Trench Excavation Scheme: 110kV Trombay Chamber Cable Section: 1 Job Start Date: 01-04-2021 10:00 AM Job End Date: 19-05-2021 05:00 PM Checked By: Yadnesh Gawali	
Pre-requisites 1. Presence of authorized Cable Engineer and / or his representative for supervision: OK 2. Remark: N/A 3. Personal Protective Equipment (PPE) such as Safety Helmet, Safety Shoes/Boots, Reflective Vest issued to workman: OK 4. Remark: N/A	
General Site Conditions 1. Fencing / Barrier properly positioned: OK 2. Remark: N/A 3. Lighting and Flashing Lanterns adequately installed: OK 4. Remark: N/A 5. Traffic Signs / Cones in proper positions: OK 6. Remark: N/A 7. Pedestrian Walkway provided: OK 8. Remark: N/A 9. Temporary decking for pedestrian properly fixed: OK 10. Remark: N/A 11. Stacking materials removed of site: OK 12. Remark: N/A 13. Cleaning of road surface adjacent to Trench: OK 14. Remark: N/A 15. Safety precautions & Cross Barriers as required: OK 16. Remark: N/A 17. Ensure the Trench is cleaned properly and water is pumped off: OK 18. Remark: N/A 19. Ensure walkway is provided adjacent to trench: OK 20. Remark: N/A	
During Trench Excavation 1. Trench excavated as per approved drawing: OK	
1 / 2	
Remarks 1. Remark: N/A 2. Cable bending radius observed at all points: OK 3. Clearance between the lowest strutting or existing services and Trench bottom: OK 4. Remark: N/A 5. Existing Water/Gas/Drain pipes properly supported: OK 6. Remark: N/A 7. Existing Cables properly supported & protected as per approved: OK 8. Remark: N/A 9. HDPE pipe crossings are done at critical places: OK 10. Remark: N/A	