

SEPTEMBER'2023

A. Green Energy generation:

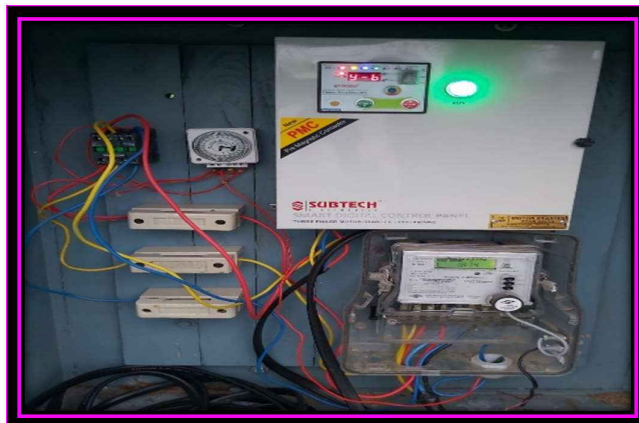
- 1) Total 74,603 solar units generated by 08 Nos. Roof Top Solar plants over NGP division during the month. Total cumulative 5,17,300 solar units generated during 2023-24.

B. Energy Conservation:

- 1) 375 Nos. BLDC fans have been provided at Service buildings & staff qtrs. and Workshop/MIB against replacement of old conventional fans. Total 4281 Nos. BLDC during the yer2023-24.



- 2) 01 No. 7.5HP pump has been automated by providing timer at ADEN Pump House NAB.



C. Improvement for passenger amenities:

- 1) 01 No. 150 Ltrs. capacity new donated water cooler has been provided at PF No.4/DGG station. 01 No. 150 Ltrs. water cooler has been replaced at PF No. 5/6 Gondia station (NGP end).

- 2) New Running Room has been electrified at KAV with provision of 06 Nos. 1.5 Ton Split ACs, 17 Nos. 20W LED light fittings, 12 Nos. night lamps, 02 Nos. foot lamps, 10 Nos. 28W BLDC fans, 03 Nos. exhaust fans (kitchen), 131 mtrs. 4x70 sqmm cabling and necessary wiring work.



- 3) 85 mtrs. 4x25 sqmm. overhead cabling work done for providing electric power supply at new PWI office/CWA station.

D. Safety related works:

- 1) 02 Nos. new lightening arresters of 40 mtrs. Range have been installed above Buffing & Draw gear shed and CBR-1 at Workshop/MIB.



- 2) 01 No. extra hooter has been provided at surface wheel lathe machine for movement of wheel at Work shop/MIB.

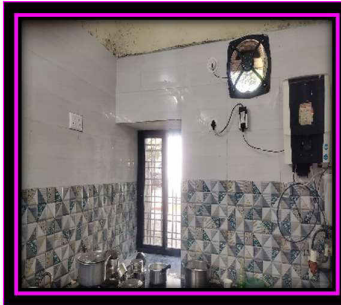


- 3) 14 CLS panels maintenance work carried out at stations over Nagpur division.
4) 01 No. new earthing provided Railway colony Mount Road.
5) 01 No. CLS panel auto kit replaced at MLC No. 571.

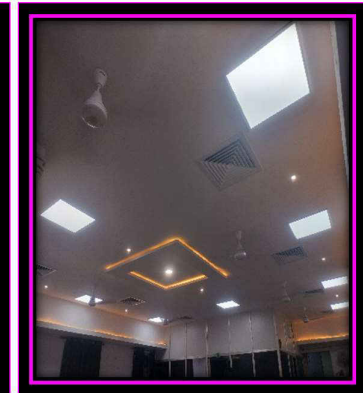
- 6) 01 No. 3-phase High range hooter provided at ART/ARME Gondia against replacement.
- 7) 09 Nos. 40W/20W outdoor LED light fittings have been replaced at MLC No. 524, 525, 543, CI-1, GCF-74, GCF-8 एवं NC-44A.
- 8) 04 Nos. Rolling-in lights have been replaced at NAB, NIR (BTC end) & MLC No. TT-11.

E. Improvement made for staff amenities:

- 1) 20 points rewiring work done during renovation in Kitchen & Dressing Room at ORH Mount Road/NGP with provision of 05 Nos. 15Amps. & 06 Nos. 5 Amps. sockets.



- 2) 34 points rewiring work with provision of 06 Nos. modular switches has been carried out at Sr.DEE(RS&G)/NGP office during renovation.



- 3) 02 Nos. Air duct with exhaust fans have been provided at Conference Hall/Workshop/MIB.
- 4) 06 Nos. new exhaust fans have been provided at BMC station (S&T Goomty & Dy.SS Toilet), Battery Room/DSL Shed MIB and SASR station.
- 5) 04 Nos. exhaust fans have been replaced at Gents Toilet and IOW Office at ITR station, IPS Room & Station Toilet at NAB station.
- 6) 02 Nos. new 45W & 110W LED street light fittings have been provided at Bhola School/MIB for better illumination.
- 7) 01 No. Electric Geyser at Banglow No. 156 and 04 Nos. ceiling fans at Banglow No. 156, 182 & 267 have been provided at Mount Road colony/NGP.

- 8) 07 Nos. new 15W tri-colour LED light fittings & 04 Nos. 12W Mirror Lights have been provided at passage of Conference Hall/DRM office against replacement.



- 9) 05 Points wiring work carried out at Ladies Wash Room & Qtr. No. 12/01 at Ajni Colony and 09 points rewiring work carried out at MLC No. 570.
- 10) 02 Nos. new wall mounted fans have been provided at S&T Server Room & ADEN office/Mount Road. 02 Nos. wall mounted fans have been replaced at Commercial control & Sr.DSO/NGP's chamber.
- 11) 04 Nos. new switch boards have been provided Elect.(OP) office, RPF office & Engg. Office at DRM office complex.
- 12) 01 No. electric geyser has been replaced at ORH Chhindwada.
- 13) 01 No. 3-phase 2HP fan motor of centralised air-cooler has been replaced at Lobby/Gondia.
- 14) 05 point wiring work carried out with provision of 02 Nos. ceiling fans, 02 Nos. LED light fittings, 01 No. O/D fittings, 01 No. Energy Meter and 01 No. switch board at SC/ST union office/DGG.
- 15) 01 No. new 90W flood light provided at entrance of NGRM/NGP.
- 16) 02 Nos. new BLDC fans & 02 Nos. 20W LED light fittings have been provided in new FOIS Room at KAV station.
- 17) 15 No. 25W bracket LED light fittings have been provided with 300 mtrs. 2.5x3 sqmm cabling work at WS/MIB for illumination improvement.



- 18) 08 Nos. new 15W tri-colour LED light fittings have been provided at passage of 1st floor Account office/DRM office building against replacement.

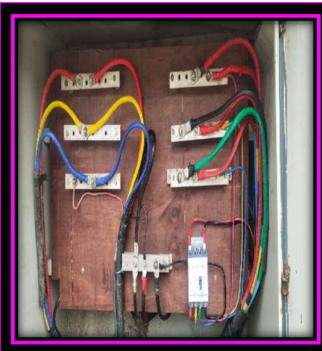


F. Improvement at power supply arrangement:

- 1) 500 mtrs. 2x10 sqmm XLPE cable at WSA station and 30 mtrs. 2x70 sqmm DN AT cable at MLC No. 478 have been replaced.
- 2) New location box having 01 No. 100 Amps. MCCB, 3-phase bus bar & neutral link plate has been provided at Railway institute Gondia.
- 3) 300 mtrs. 3.5x240 sqmm cabling work done at Administrative building/MIB for providing emergency supply from 125KVA DG set.
- 4) 400 amps. 8-way MLDB has been provided at WS/MIB against replacement of LT DB.



- 5) 01 No. pre-cooling point provided at ITR station.
- 6) 03 Nos. new 63 amps. MCBs have been provided for sewage treatment plant at ITR station.
- 7) 02 Nos. 2KVA UPS have been replaced at DGG & PJB stations.
- 8) 02 Nos. 48V step down transformers have been provided at pit line/DEMU shed Gondia against replacement.



G. Improvement at water supply arrangement:

- 1) 01 No. star-delta starter for 15HP submersible pump has been replaced at ORH Mount road/NGP.
- 2) 05 Nos. pump starters have been replaced at CHAU (5HP), RC Pump House/Gondia (3HP), BUQ (1.5HP), RCC Tank IOW Office/ITR (5HP) & PJB (2HP).

H. Miscellaneous:

- 1) 07 Nos. exhaust fans, & 01 No. Hooter Siren re-winding work have been completed departmentally at Repair Shop/MIB.
- 2) 08 Nos. old lighting poles have been removed from garden at NAB station.
- 3) Tree trimming work carried out at Kukda colony/CWA, belly Shop/MIB, MIB Colony & Pump House, SASR, NAB and CAF stations.
- 4) e-auction of 03 Nos. Transformers, 01 No. DG set, 01 No. Refrigerator, 02 Nos. Induction Motor, Diesel pump & motor has been done through store deptt. at DGG.

I. TL items:

- 1) 06 Nos. BG coaches IOH work carried out at TL depot//G.
- 2) 34 Nos. BG coaches POH work carried out at WS/MIB.
- 3) 01 No. LHB coaches POH work carried out at WS/MIB.
- 4) 36 Nos. Emergency lights have been replaced during POH at 10 Nos. BG coaches 034213 GSLRD, 144659 GSLRD, 144496 GSCN, 154468 GS, 154520 GS, 064419 GSLRD, 134657 GS, 134400 GSLRD, 124606 GS & 134519 GSCN.
- 5) 15 days intensive drive for measuring IR value of ICF coaches of 2008 and earlier years was conducted from 20.08.2023 to 03.09.2023 at TL Itwari and Gondia depots.