

DECEMBER'2023

A. Green Energy generation:

- 1) Total 81,195 solar units generated by 08 Nos. Roof Top Solar plants over NGP division during the month. Total cumulative 7,89,293 solar units generated during 2023-24.
- 2) 5KWp Rooftop solar panels have been provided at Narrow Gauge Rail Museum/NGP.

B Energy Conservation:

- 1) 31 Nos. BLDC fans have been provided at Service buildings, stations & staff qtrs. against replacement of old conventional fans over NGP division. Total 5481 Nos. BLDC fans provided during the year 2023-24.



- 2) Energy conservation week has been celebrated from 08.12.2023 to 21.12.2023 over NGP division.

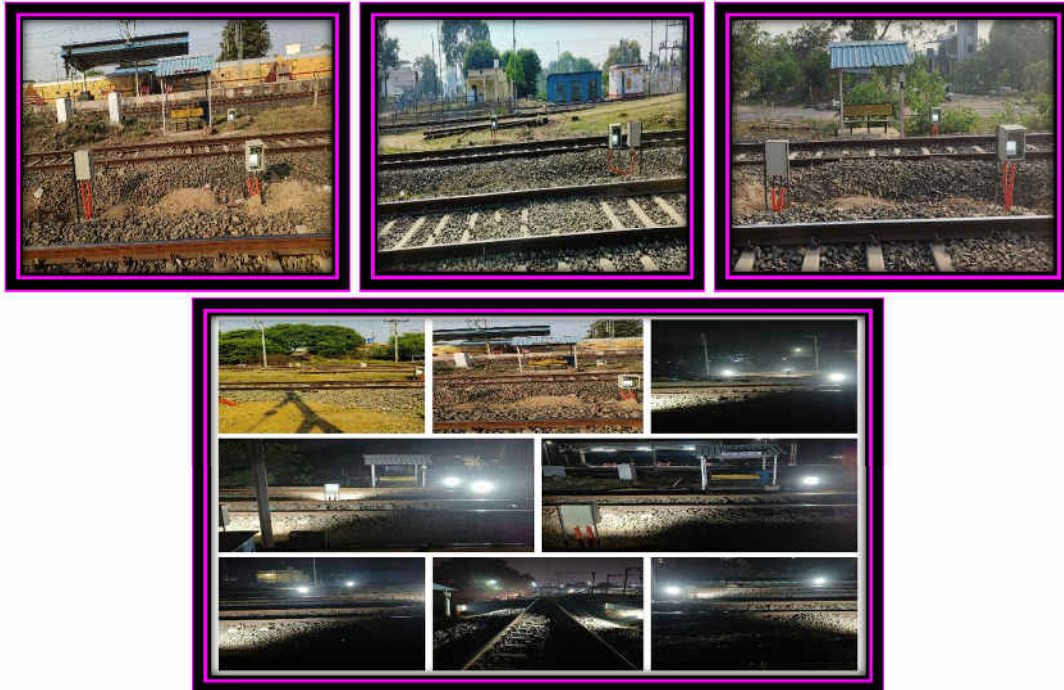


C. Improvement for passenger amenities:

- 1) 02 Nos. 20W LED light fittings with 03 points wiring have been at Khodseoni passenger halt goomty.
- 2) 02 Nos. mobile charging points have been provided at passenger halt/SNV station.

D. Safety related works:

- 1) 12 Nos. 30W LED light fittings for Rolling-in examination have been provided at SEY & NGP end at CWA Yard.



- 2) AT supply has been provided to Signal goomty at MLC No. 530.
- 3) 04 Nos. new earthing have been provided at RPF post Nagbhid and 28 Nos. earthing checked & cleaning done at station & colony/BDKD, 02 Nos. service buildings/CWA and AGN & DNL stations.
- 4) Total 03 Nos. Indicator have been replaced in CLS panel at at RMO station
- 5) 28 Nos. CLS panel maintenance work were carried out at stations over Nagpur division.
- 6) 01 No. CLS panel auto kit replaced at AGN station.
- 7) 1250 mtrs. 2x70 sqmm AT cable charged WSA station.

E. New Electrification:

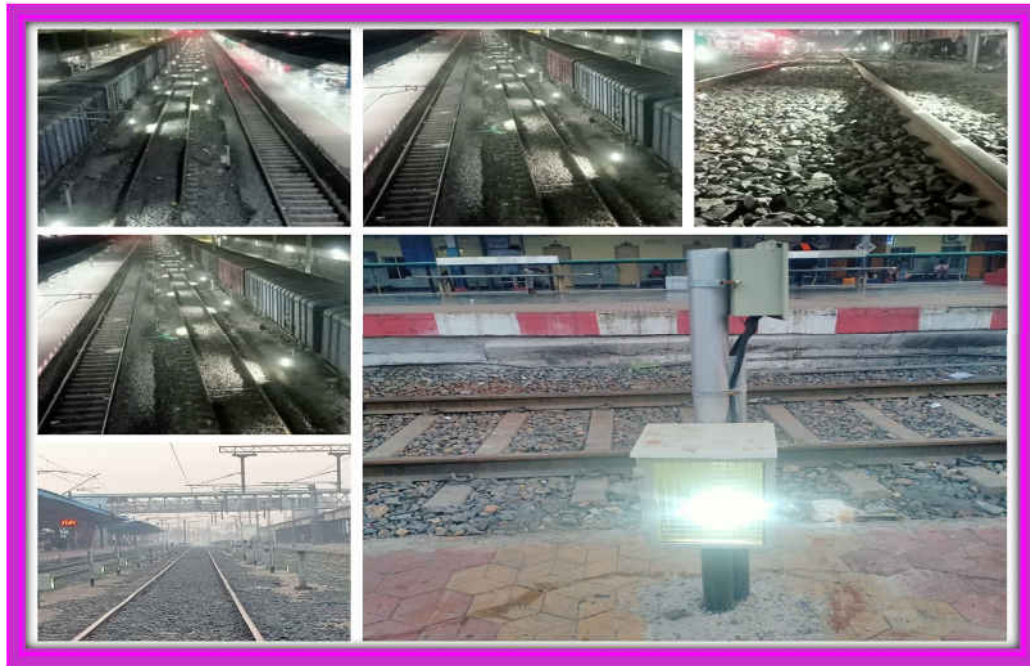
- 1) 176 point wiring work was done during Sports Hostel Motibagh electrification work with provision of 44 Nos. 20 W LED light fittings, 12 Nos. BLDC fans and 06 Nos. 45 W LED street light fittings.



- 2) 52 points wiring work was done during electrification of the newly constructed RPF Post Nagbhid with provision of 15 Nos. 20 W LED light fittings, 04 Nos. 45 W LED street light fittings including new SST poles, 10 Nos. 07 W LED Bulbs. , 09 Nos. ceiling fans, 03 Nos. exhaust fans, 02 Nos. call bells, 30 Nos. 5A and 10 Nos. 16A switch sockets and 01 No. location box.



- 3) 1200 meters 2x10 sqmm new XLPE cabling work done with provision of 80 Nos. 20W LED light fittings with 81 Nos. JB's and 80 Nos. MS boxes with 81 Nos. GI pipe poles during electrification of Line No. 9 at Gondia,



F. Improvement made for staff amenities:

- 1) 04 Nos. staff qtrs. (Ty-II) at ADEN colony and PWI office rewiring work carried out at NAB.
- 2) 02 Nos. 25 Ltrs. new electric geysers have been provided RPF Barrack Tumsar & Old ORH/NAB. 01 No. 25 Ltrs. Electric geyser has been provided at subordinate rest house/NAB against replacement.



- 3) 01 No. exhaust fan has been provided at banglow No. 158/1 at Mount Road Colony/NGP. 08 Nos. exhaust fans have been replaced at ORH/CWA (01), Toilet/ITR station (01), Subordinate Rest House/NAB (03) & Toilet DRM office building (03).
- 4) 01 No. new water cooler has been provided at newly constructed RPF post/NAB.
- 5) 02 Nos. SST poles with 45W LED light fittings have been provided Engineering Colony/NAB.

- 6) 01 No. 200W LED focus light fitting has been provided at new Gym garden at Engineering colony/NAB.



- 7) 02 Nos. new 45W additional LED light fittings have been provided at Handball Ground/Ajni for better illumination.
- 8) 02 Nos. new 90W LED light fittings & 02 Nos. BLDC fans have been provided at Celebration Hall, Railway Institute/NAB.
- 9) 01 No. new 90W LED light fittings has been provided at MLC No. 559 for illumination improvement.
- 10) Modernization & Repairing of DRM office lift has been done.

G. Improvement at power supply arrangement:

- 1) 30 mtrs. 2x10 sqmm cable laid from location box to FOB for lighting circuit at SNV station.
- 2) The area of all main switches and MCB boxes have been beautified by installing GI sheet covers in the DRM building complex.
- 3) 53 mtrs. 4x350 sqmm cable have been provided for PRS against replacement of defective cable at ITR station.
- 4) 25 mtrs. 4x16 sqmm cable laid for street light at MLC No. CI-68 against replacement
- 5) 400 mtrs. 2x70 sqmm new spare AT cable laid for CLS panel at ITR srstation.
- 6) 120 mtrs. 3x4 sqmm flat cable undergrounded for 2 HP submersible pump supply at Lobby/KAV.

H. Improvement at water supply arrangement:

- 1) 02 Nos. new 75 HP HSCF pump sets with starter have been installed at Motibag pump house against replacement of 60HP & 50 HP pumps.



- 2) 01 No. 30HP pump starter has been provided at pump house Ajni against replacement.

I. Miscellaneous:

- 1) 14 Nos. exhaust fans & 04 Nos. Wall mounted fans re-winding work have been completed departmentally at Repair Shop/MIB.
- 2) Tree trimming work carried out at NAB, ROL, CAF, DGG, Mount Road Colony & Ajni Colony/NGP.
- 3) 02 Nos. Transformer painting work done at Substation TMR.
- 4) Panel Room painting work carried out at sub-station Mount Road/NGP.
- 5) 05 Nos. Electric Rail poles have been cut & removed under High Mast lighting at circulating area of SNV station.

J. TL items:

- 1) 07 Nos. BG coaches IOH work carried out at TL depot//G.
- 2) 29 Nos. BG coaches POH work carried out at WS/MIB.
- 3) 03 Nos. LHB coaches POH work carried out at WS/MIB.
- 4) Primary maintenance of 05 Nos. FTR rakes & 01 No Election SPL rake was carried out at Gondia depot apart from scheduled train rakes.

- 5) Aerosol based fire extinguishers have been provided in the panel of 04 LHB AC coaches and 01 power car.

