

AUGUST'2023

A. Green Energy generation:

- 1) Total 92,047 solar units generated by 08 Nos. Roof Top Solar plants over NGP division during the month. Total cumulative 4,42,697 solar units generated during 2023-24.

B. Energy Conservation:

- 1) 1726 Nos. BLDC fans have been provided at Service buildings & staff qtrs. and Workshop/MIB against replacement of old conventional fans. Total 3906 Nos. BLDC during the yer2023-24.



- 2) 01 No. 10HP HS pump has been automated by providing timer at NDNI station.



- 3) 02 Nos. 10KVAR capacitors have been provided at Sewage treatment plant/ITR for improvement of power factor.

C. Improvement for passenger amenities:

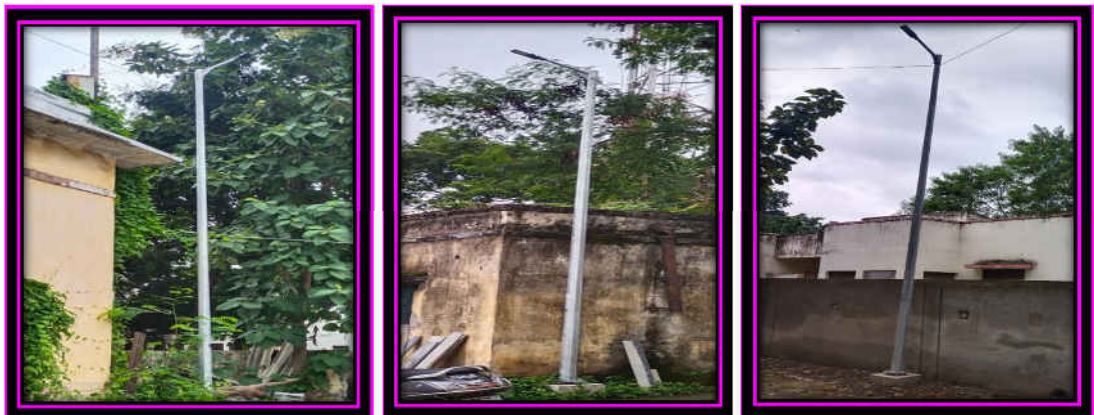
- 1) 01 No. water cooler has been replaced at Waraseoni station.
- 2) 03 Nos. 20W LED light fittings have been provided at RTK station.

D. Safety related works:

- 1) 33 CLS panels maintenance work carried out at stations over Nagpur division.
- 2) 07 Nos. new earthings provided in Banglow No.156 & 253 at Mount Road (02 Nos.) and WS/MIB (05 Nos.).
- 3) 01 No. CLS panel auto kit replaced at KPKD. Provided at pit line/ITR.
- 5) 08 Nos. new 22W DC LED light fittings have been provided at pit line/ITR.
- 7) 120 mtrs. 2x35sqmm defective cable has been replaced at MLC No. GCF-12.
- 8) 110 mtrs. 2x10 sqmm UP AT cable laid and connected to CLS panel at MNU station.
- 9) 400 mtrs. 2x70 sqmm cable laid from AT to panel building at ITR station.
- 10) AT supply has been provided at following locations:
 - i) East, West & Central goomty at ITR with 06 Nos. 20W LED light fittings.
 - ii) East, West & Central goomty at KP with 09 Nos. 20W LED light fittings.
 - iii) East, West & Central goomty at KAV ITR with 07 Nos. 20W LED light fittings.
 - iv) East, West & Central goomty at TAR with 08 Nos. 20W LED light fittings.
 - v) East, West & Central goomty at SAL with 06 Nos. 20W LED light fittings.
 - vi) East & West Relay Room at TMR and TAR.
 - vii) Relay Room/GJ and West cabin/Gondia.
 - viii) S&T goomtias at MLC No. 478,487,476,472,473,481, 520 & 525 for light & fan.
 - ix) **RRL Station:** AT supply provided from IPS Room to Relay Room with RRL with 03 Nos. 20W LED light fittings, 01 No. 6 amps. DP MCB & 03 points wiring and East, West & Central goomty with 03 Nos. 20W LED light fittings

E. Improvement made for staff amenities:

- 1) Total 05 Nos. staff qtrs. rewiring work completed. Ty-II-02 Nos. at Punjabi Line (GL-36/1-2) & SONR (T/3/1), Ty-III-01 No. at Guard Line Colony/NGP and Ty-V-02 Nos. (156, 182) Mount Road Colony.
- 2) 02 Nos. 2 T SAC provided with 10 points wiring work at Conference hall at Diesel Shed MIB.
- 3) 07 points wiring work completed in Qtr. No. RE-1/2 at CAF.
- 4) 08 Nos. new Hexagonal electric poles having 45W LED light fittings have been provided with 150 mtrs. 4x16 sqmm cabling work at ORH campus/ Mount Road/ NGP.



- 5) 43 Nos. new SST electric poles having 45W LED light fittings have been provided with 600 mtrs. 4x16 sqmm cabling work WS/MIB.



- 6) 04 Nos. new air cooler bodies have been provided with 5HP DOL starter in staff canteen & compressor room at WS/MIB.



- 7) 12 Nos. Air circulators, 07 Nos. ceiling fans & 05 Nos. SST poles with 70 points wiring work have been provided at Kalamandir/MIB during renovation.



F. Improvement at water supply arrangement:

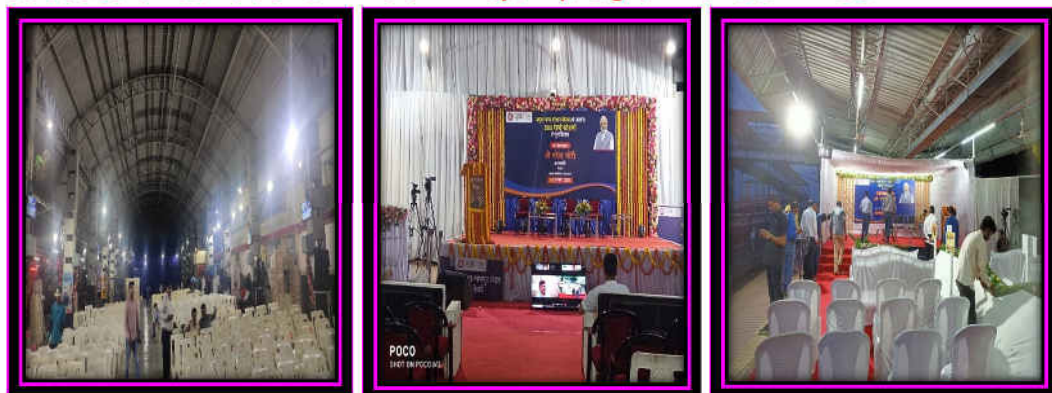
- 1) 03 Nos. pumps have been repaired at Bagh River (60HP), BRA Pump House (100HP) and KWN station (3HP).
- 2) 01 No. 3- phase starter for 5HP submersible pump has been provided at URR station.
- 3) 05 Nos. pump starter have been replaced at URR (3HP), GNL (3HP), BRA (3HP), GBRI (5HP) & Mount Road colony (15HP).
- 4) 04 Nos. submersible pumps have been replaced at CHCR station (2HP), Pump House/Gondia (5HP), RRD office/DGG (1HP) & Construction Building/NGP (1HP HS).

G. Miscellaneous:

- 1) 17 Nos. exhaust fans, 03 Nos. Wall mounted fans & 01 Nos. Air circulator re-winding work and 01 No. pedestal fan repairing work have been completed departmentally at Repair Shop/MIB.
- 2) 20 Nos. Drill Machine, 05 Nos. Angle grinders, 04 Nos. Straight grinders & 04 Nos. Circular saw repairing work done at WS/MIB.
- 3) On occasion of 77th Amrit Mahotsav, all important stations and service buildings have been decorated & illuminated with tricolour lighting over NGP division.



- 4) Adequate lighting arrangements were made at 03 stations (Gondia, WSA, CAF) with emergency power supply by DG and CLS panel for successful conduct of Bhoomi Pujan program under ABSS.



I. TL items:

- 1) 12 Nos. BG coaches IOH work carried out at TL depot//G.
- 2) 26 Nos. BG coaches & 01 No. Tower Wagon POH work carried out at WS/MIB.
- 3) 01 No. LHB coaches POH work carried out at WS/MIB.
- 4) 23 Nos. Emergency lights have been replaced during POH at 07 Nos. BG coaches 114467 GSCN, 144583 GSLRD, 094248 GSCN, 094357 GS, 134567 GSCN, 104306 GSCN, तथा 144733 GSLRD.
- 5) 61 Nos. Mobile charging points have been replaced during POH at 10 Nos. BG coaches 094309 GS, 114467 GSCN, 1246340 GS, 094248 GSCN, 134498 GSCN, 094394 GSCN, 124528 GS, 124530 GSCN, 124529 GS & 134567 GSCN)
- 6) 57 Nos. ICF & 45 Nos. LHB bogie IOH work carried out at WS/MIB.
- 7) Operation of LHB rake in place of 02 ICF rakes of Train No. 12070/69 (G-RIG Janshatabdi Express) was started from 23.08.2023.) at Gondia.
- 8) Primary maintenance of three rakes (SEY-DWK, APR-DWK, CWA-AY) of Train No 08829/30 (Bharat Gaurav Express) was done at Coaching Depot Gondia and staff was sent for operation/maintenance of AC and power car of three rakes of Train No 08829/30 (CWA-DWK, BTC-BCY and CWA-AY).