

APRIL'2023

A. Green Energy generation:

- 1) Total 78,118 solar units generated and 8,480 units exported by 08 Nos. roof top solar plants during the month over NGP division. Total cumulative 78,118 solar units generated during 2023-24.

B. Green Initiative:

- 1) Total 01 No. Day Light sensor & 01 No. timer have been provided for automation of street light circuit at PWI colony BRD & 01 No. Day Light sensors has been replaced at Arun nagar PH.



C. Energy Conservation:

- 1) 02 Nos. 2HP pumps have been automated through water level controller at colony/CHCR.



- 2) 09 Nos. BLDC fans have been provided at. Dy. SS, SM offices & VIP Room TMR, RPF office/NAB and NIR station against replacement of old fans.

D. New Electrification:

- 1) 01 No. Ty-V staff qtrs. has been electrified at Mount Road colony with provision of 08 Nos. 20W LED light fittings, 08 Nos. 7W LED bulbs & 08 Nos. ceiling fans.



- 2) 200 mtrs. 4x16 sqmm cabling & 30 points wiring work has been completed during electrification of Merchant & Labour Room/CID with provision of 08 Nos. ceiling fans, 10 Nos. 20W LED light fittings, 10 Nos. 25W outdoor LED light fittings & 08 Nos. 5Amps. Sockets.



- 3) 10 Nos. 20W LED light fittings with necessary cabling work have been provided departmentally for electrification of new FOB at BRD.



E. Improvement for passenger amenities:

- 1) 03 Nos. new water cooler have been provided at KLZ, BHV & PUE station with provision of power supply.



- 2) 01 No. new water cooler & 04 Nos. LED light fittings have been provided by Elect./Con deptt. at new station building/KWN.
- 3) 02 Nos. new water coolers have been provided at PF No.4/Gondia & PF No.1/NIR against replacement.



- 4) 05 Nos. exhaust fans have been provided at Pay & Use toilet/NAB(02), toilet/PTS(01), Sub-station/TMR (01) and AC Retiring Room/Gondia (01).

F. Safety related works:

- 1) AT supply provided to MLC No. 468, 488 & West goomty/DKS.
- 2) 30 Nos. 30W Rollin-in/out light with MS box have been replaced at DN yard/DGG.



- 3) 60 Nos. 30W Rollin-in/out light with 20 Nos. MS box have been replaced at Gondia yard.



- 4) 01 No. Rolling-in light at PF No.1 Gondia (Durg end) & TRO stations and 04 Nos. spot lights at MLC No. GCF-97,GJ-1A, GJ-3,508, 521 have been replaced
- 5) 15 CLS panel maintenance work were carried out at stations over Nagpur division.
- 6) 02 No. CLS panel replaced at West Goomty/TMR & MLC No.520.
- 7) 03 Nos. CLS panel auto kit replaced at PJB station and MLC No. 453 & 464.

G. Improvement made for staff amenities:

- 1) 06 Nos. 5-star rated new Split ACs have been provided at Admin building/WS/MIB against replacement of old ACs.



- 2) Following electrical fittings have been provided with point wiring at DRM rest room of DRM office building during renovation work:
- i) 01 Nos. 12 module Wi-Fi enabled smart switch board & 05 Nos. modular switch board.
- ii) 08 Nos. 10W LED light panel lights & 01 No. wall mounted fan.
- iii) 01 No. 1.5T split AC against replacement of window AC.



- 3) 04 Nos. water coolers at DTTC/MIB, Civil Defence Center/MIB, Track Machine Depot/MIB & Hindi school/DGG have been provided against replacement.
- 4) 23 Nos. 7W LED bulbs have been provided at ORH/NIR garden.

- 5) 05 Nos. 25W LED light fittings have been provided at Track Machine Siding/TMR.
- 6) 07 Nos. new 90W LED light fittings have been provided against replacement of 25W LED light fittings at Swimming Pool/MIB for improvement of illumination.
- 7) 06 Nos. centralised Air-cooler complete body have been replaced with new body in various offices of DRM office building/NGP.



- 8) Following electrical works have been carried out at Rail House/Mount Road:
 - i) 700 mtrs. (4x50 sqmm, 4x25 sqmm, 4x16 sqmm) cable laying work with provision of 02 Nos. location box has been carried out for providing power supply to Banglow & street light.
 - ii) 39 points casing capping wiring work done at outhouse, garage & veranda against replacement of old wiring.
 - iii) 08 Nos. new SST poles having 25W LED street light fittings have been provided.
 - iv) 01 No. new SAC has been provided at Rail House Office against replacement.
 - v) 16 Nos. new poles with new JB & cabling work have been provided for post top lantern lamps.



- 9) 02 Nos. new SACs have been provided at APO office (1.5T) and SECRMC office (2T) at DRM office building.
- 10) 06 Nos. 20W LED light fittings & 01 Nos. new ceiling fan have been provided at IOW office/SONR.
- 11) 02 Nos. wall mounted fans have been provided at DSTE office/RCC Building & Sr. DEE (G) office.
- 12) 22 points wiring work has been carried out departmentally at Mechanical Staff Room/WS/MIB.
- 13) 05 Nos. LED panel light fittings, 01 No. 20W LED light fitting & 01 No. ceiling fan have been provided at ACM chamber during renovation.

H. Improvement at water supply arrangement:

- 1) 01 No. new 2HP vertical submersible pump has been provided at Goods Shed/CWA.
- 2) 01 No. new 3HP vertical submersible pump has been provided at Railway colony/ITR.
- 3) 01 No. 3HP submersible pump with starter has been provided in new bore well at Running Room/DGG. 01 No. 1HP pump starter has been replaced at KEZ station.
- 4) 01 No. 3HP submersible pump repaired and new DOL starter provided at IOW office/Gondia.

I. Miscellaneous:

- 1) 19 Nos. exhaust fans & 02 Nos. Air circulator fans rewinding work and 06 Nos. Air duct cooers POH work have been completed departmentally at Repair Shop/MIB. 01 No. water pump rewinding work done under AMC.
- 2) 198 Nos. pole painting work carried out at NAB, ITR, DGG Gondia & NIR sections.
- 3) 02 Nos. 100AH 12V batteries of 500KVA DG set have been replaced at SS No.1/Gondia.

J. TL items:

- 1) 10 Nos. BG coaches IOH work carried out at TL depot//G.
- 2) 09 Nos. BG coaches & 01 No. Tower Wagon POH work carried out at WS/MIB.
- 3) 03 Nos. LHB coaches POH work carried out at WS/MIB.
- 4) 27 Nos. Emergency lights have been replaced during POH at 07 Nos. BG coaches (144276 GSLRD, 071130 GSCN, 1514636 GS, 154161GS, 111254 GSCN, 114190 GSCN & 064316 GS).
- 5) 03 Nos. ICF & 36 Nos. LHB bogie IOH work carried out at WS/MIB.