

FEBRUARY'2024

A. Green Energy generation:

- 1) Total 92,372 solar units generated by 08 Nos. Roof Top Solar plants over NGP division during the month. Total cumulative 9,61,859 solar units generated during 2023-24.
- 2) 07 Nos. of new solar tubes (540 mm) installed at NGRM Motibagh. which is 1st in SECR, resulting saving of approximately 1680 units per year will be achieved.



B. Energy Conservation:

- 1) 165 Nos. smart energy meters have been provided at Mount Road Colony (65 Nos.) & DSL Shed MIB (100 Nos.).



- 4) MLC No. 523: Lighting circuit automation done by Day Light sensor.

C. Improvement for passenger amenities:

- 1) 02 Nos. 20W new LED light fittings have been provided at PF No.1/SONR station.

D. Safety related works:

- 1) 33 Nos. CLS panel maintenance work were carried out at stations over Nagpur

division.

- 2) 03 Nos. new earthings have been provided at 558, 564 & 563. 22 Nos. earthing checked & cleaning done in station & colony at SASR & KP stations.
- 3) 15 days drive for checking of AT & CLS panel has been conducted over NGP division

F. Improvement made for staff amenities:

- 1) 01 No. new 150 liter water cooler has been installed at CBRI/Workshop Motibagh.



- 2) 04 Nos. of new 1.5 ton split ACs have been provided at Basic Training Centre/Workshop Motibag.



- 3) 01 No. Emergency light and call bell have been provided in the RPF booth near the main gate in the workshop/Motibagh to operate the gate in case of emergency.
- 4) 04 Nos. New 2'x2' 36W LED Panel Light Fittings have been provided in Sr. DCM Chamber DRM Building Complex.
- 5) 03 Nos. of new exhaust fans have been provided in the toilets of the control room/RCC building.
- 6) 03 Nos. new 25 ltr. electric geyser have been provided in bungalow No. 263 & 144 at Mount Road Colony Nagpur and Dormitory at Itwari Station.
- 7) 08 Nos. 7W Surface Mounted LED Light Fittings have been provided in Officer Rest House No. 2 Chhindwara.
- 8) 01 No. new 20 W LED light fitting with 02 point wiring work has been provided at MLC No. CI-68.

- 9) 03 Nos. exhaust fans have been replaced in SM room toilet/BMC, toilet DEMU shed/Gondia and Junction cabin/Kalmana.
- 10) 35 Nos. 20W LED light fittings, 13 Nos. new BLDC fans along with 45 point wiring work have been provided at PME Room Polyclinic Motibag.



- 11) 02 Nos. Railway qtrs. rewiring work has been done in Kamathi Road-Ty-II (238/2) and Mount Road Colony - Ty-V (144).
- 12) 03 Nos new wall mounted fans with 15 feet casing capping wiring work has been provided Sr. DPO meeting hall at DRM building complex.
- 13) 07 Nos. of new 20W LED light fittings have been provided at BG Lobby/Nagpur for illumination improvement.
- 14) 02 Nos. new 200 W and 90 W LED light fittings have been provided at Old C&W Office Motibagh for improvement of lighting.
- 15) 02 Nos. new 90 W O/D LED light fittings have been provided in bungalow number 142 at Mount Road colony.
- 16) 04 Nos. ceiling fans, 06 Nos. 20W LED light fittings and 02 Nos. 9W LED bulbs along have been provided with necessary wiring work in two rooms of SECRWWO Railway School at Gondia.



- 17) 04 Nos. 45W outdoor LED light fittings have been provided for illumination improvement at SSEE office Gondia.
- 18) 03 Nos. 9W LED bulbs have been provided along with necessary wiring work in the toilet of Railway Institute Gondia.

G. Improvement at power supply arrangement:

- 1) 01 No. new 100KVAR APFC panel has been provided for at SS No.2/DGG against replacement.



- 2) 250 KVA transformer has been provided against replacement of 160 KVA transformer at SS/CWA.
- 3) 160 KVA transformer has been provided against replacement of defective 160 KVA transformer at SS/SEY.
- 4) 200 meter 300 sqmm. new cable laid from DG set to panel room in sub-station number-1 workshop Motibagh for emergency power supply.
- 5) 160 meter 2x10 sqmm cable laid at KPKD station for platform lighting.
- 6) 200 meter 2x70 sqmm UP and DN AT spare cable laid in Kanhan station.
- 7) 70 meter 4x70 sq mm DN AT cable replaced at MLC No. 511.
- 8) 01 No. new JB pit installed for pre cooling point at pit line ART Siding Gondia.
- 9) 02 Nos. Over Head Span removed by charging underground cable in RE Feeder at Mount Road Colony.
- 10) Dual 3-phase power supply (SS-1 & SS-2) with DG backup was provided by provision of 100 ampere change over switch for reliable power supply in Office Rest House Dongargarh.
- 11) LT panel with provision of ampere meter has been installed to monitor pump operation at Pump House Nainpur.

H. Improvement at water supply arrangement:

- 1) 01 No. new 75 HP HSCF pump set installed at Pump House Nainpur.
- 2) 03 Nos. submersible pumps have been replaced at Wainganga Pump House (30 HP), Nainpur Pump House (20 HP) and Khat (1.5 HP).

I. Miscellaneous:

- 1) Electricity supply arrangements were made with the provision of backup DG supply for the virtual foundation stone laying ceremony and inauguration ceremony of 12 Amrit Bharat Railway stations and 64 ROB/RUB in Nagpur division by Hon'ble Prime Minister of India.
- 2) 16 Nos. exhaust fans & 02 Nos. pumps re-winding work have been completed departmentally at Repair Shop/MIB.
- 3) Tree trimming work carried out at NAB, MME, TL feeder/MIB, SS/NAB, Colony/DGG.

- 4) Four pole structure, transformer and street light pole painting work has been carried out in substation no. 1 and 2 Dongargarh.
- 5) Junction box and pre cooling charging point painting work has been carried out at Platform No. 1 and 2&3 Dongargarh.
- 6) 02 Nos. unused electric Rail poles cut and removed at platform No.1 Dongargarh.

J. TL items:

- 1) 03 Nos. BG coaches IOH work carried out at TL depot//G.
- 2) 28 Nos. BG coaches POH work carried out at WS/MIB.
- 3) 05 Nos. LHB coaches POH work carried out at WS/MIB.
- 4) Primary maintenance of 02 Nos. Aastha SPL rake was carried out at coaching depot Gondia apart from scheduled train rakes.
- 5) Special drive for checking of all junction boxes in non AC coaches has been conducted at coaching depot Gondia & ITR from 02.02.2024 to 16.02.2024.