

## **Electrical General Branch, Asansol**

### *Achievements for the year 2019-20*

- 30 nos. ceiling fans and 38 nos. 18w indoor LED lights along with electrical wiring have been provided departmentally for some portion of Old Hospital Building and 02 nos. of Qrs. which have converted into isolation ward for COVID-19.
- 02 nos. of sleeper coaches converted for isolation have been ready from electrical side.
- 02 nos. of railway stations (Sugapahari Halt, SGPA (Tp No. 6/3) & Sugapahari Halt, SAPT (Tp No. 7/11)) have been electrified through local power.
- 02 nos. of LC gates have been electrified through local power.
- 2588 nos. of railway residential quarters have been provided with LED luminaries in current financial year.
- As an energy conservation measure, annual consumption of energy upto March' 20 has been reduced by approx. 5.86 lakh units in comparison to previous year i.e. 2018-19 causing reduction of energy bill of approx. Rs. 44.40 lakhs.
- A rebate of Rs. 38.79 lakhs has been obtained from power supply authority upto the bill of March'2020 for improved power factor, EFT and timely payment.
- The energy audit of 17 nos. of major load centers i.e. Asansol Railway Station, DRM Office Building (Asansol), DMO Hospital(Asansol), Electrical Loco Shed (Asansol), Filter House (Asansol), Durgapur Railway Station, Diesel loco shed (Andal), Box-N(Andal), Up-sick Line (Andal), DSEY (Andal), Jasidih Railway Station, Madhupur Railway Station, Andal Railway Station, Deoghar Railway Station, Basukinath Railway Station, Raniganj Railway Station and Baidyanath Railway Station have been done over the division.

- 02 nos. astronomical timer based sensors have been provided at Asansol station (for High mast tower at circulating area).
- 26 nos. of decorative light of 12w have been fixed up at pilgrim Shed, Jasidih.
- 01 no. of six panel LT board consisting 1X400 amp, 2X200 amp and 3X320 amp capacity panel designed and provided departmentally at Barakar Pump House well no. 1 to ensure zero failure based power supply for respective pumps.
- Illumination has been done for Vertical Garden and 30 chain LED lights has been fixed for circulating area at Madhupur.
- Station illumination with facade lightings has been done at Giridih.



- Station illumination with facade lightings has been done at Suri station for beautification.
- The occupancy sensors have been provided at Asansol railway station (21 nos.) and in officer's chamber (05 nos.).



- Improvement of illumination of 04 nos. of stations i.e. Asansol, Madhupur, Jasidih and Kumardubi of stations have been improved as per directive of Rly Bd guidelines.



- 04 nos. of LC gates i. e. LC gates no. 3, 5B 5A in STN-DHN and LC gates no. 17 in STN JAJ section have provided with solar power (300wp) in different locations in the Division.
- 01 no. solar panel has been provided at LC gate no. 11 in section TOP-BBI Chord.
- 500m LT cable has been laid to the Oxygen Park, Asansol area to replace the existing overhead line with post and ghy etc for befitting power supply arrangement in aesthetic view and 13 nos. solar lights of 30wp have been provided as well.
- 02 nos. solar lights of 110wp have been provided Ghormara for emergency light.
- 01 no. replacement of conventional geysers with solar geyser at ZRTI, Bhuli.
- 11 nos. of energy efficient pumps have been commissioned over the division.
- 47.47 MT scraps have been disposed in financial year 2019-20 (HQ target in 2019-20 -45 MT).

