

## **ACHIEVEMENTS FOR THE YEAR 2018-2019**

1. 42 Nos. escalators at 23 Stations each of capacity 9000 Persons/Hr have been commissioned. Total 72 escalators commissioned in Mumbai Division.
2. 12 Nos. FOB Lifts at 7 stations each of carrying capacity 15 Passengers have been commissioned in Mumbai Division. Total 39 Nos. FOB Lifts commissioned in Mumbai Division.
3. 5 Nos. KWp Grid connect solar Power Plant of total 270 Kwp capacity i.e. 110 KWp at Traffic Accounts Building CSMT, 80 KWp at Kalyan Railway Hospital Roof Top, 55 Kwp at Kalva Carshed, 20 Kwp at PF No. 5-6, Kurla Platform PPGI Shed & 5 Kwp at Roha have been commissioned. The anticipated annual unit generation will be 795000 KWh and annual saving in terms of revenue is Rs. 58,27,350/-.
4. 3 Nos. KWp storage type solar Power Plant of total 20.7 Kwp capacity i.e. 10 KWp at Roha, 5 KWp each at PEN and Apta and 700 Wp at Taloja have been installed. The anticipated annual unit generation will be 31,050 KWh and annual saving in terms of revenue is Rs. 3,72,600/-.
5. 24,872 Nos. LED different wattage LED light fittings have been provided in place of conventional MH, FTL & T-5 light fittings at various locations on platforms, service buildings & High Mast Tower. The approximate annual saving in Energy consumption will be approximate 16,06,968 unit and in terms of money will be Rs. 1,17,79,075/-.
6. To improve ventilation system, 3 Nos. HVLS (HIGH VOLUME LOW SPEED) Energy efficient fans one each at CSMT, Panvel & Kalyan , 72 Nos. Air circulators and 210 Nos. fans at various stations, booking offices, circulating area have been provided.
7. 25 nos. of mobile and laptop charging kiosk each having 20 nos. of charging point provided 6 Nos. at CSMT & 7 Nos. at New Station Building, LTT, 1 at Lonavla, 2 at Kalyan, 1 at Dadar, 4 at Byculla Hospital, 2 at Panvel & 2 at Thane.

## **GOOD WORK DONE 2018-19**

### **First Time in Railways:**

1. 42 Nos. escalators at 23 Stations each of capacity 9000 Persons/Hr have been commissioned. Total 72 escalators commissioned in Mumbai Division. Such huge nos. of provision of Escalators is first time in Railways during the period April-18 to Nov-18.
2. 12 Nos. FOB Lifts at 7 stations each of carrying capacity 15 Passengers have been commissioned in Mumbai Division. Total 39 Nos. FOB Lifts commissioned in Mumbai Division. Such huge nos. of FOB lift is first time in Railways during the period April-18 to Nov-18.

### **System Improvement : 2018-19**

1. To improve ventilation system, 3 Nos. HVLS (HIGH VOLUME LOW SPEED) Energy efficient fans one each at CSMT, Panvel & Kalyan have been provided. Total 13 Nos. HVLS fans already provided in Mumbai Division.
2. As per Railway Board guidelines, the Indian National monumental flag mast tower of 30 mtrs (100 ft) height is provided in Mumbai Division at CSMT, P.D. Mello Road, Circulating area. The size of the Indian National flag is 20 ft x 30 ft. The monumental flag tower is illuminated by LED flood lights during night time.
3. 100% LED lights have been provided at all service buildings and Station Platforms by replacing the existing conventional light fittings with 24,872 Nos. various capacity LED fittings. The approximate annual saving in Energy consumption will be approximate 16,06,968 unit and in terms of money will be Rs. 1,17,79,075/-.
4. Total 13 MVA capacity (2x3 Mva, 2x2 Mva & 2x1.5 Mva) 22 KV/433 V cast resin indoor Transformers along with HT/LT panels & HT/LT cables have been provided at 3 major substations at CSMT area.
5. Illumination level of Concourse, Circulating area, waiting hall, Platform area, reservation counter, FOBs, stairs and parking area at Dadar, Thane & LTT station have been improved to the level of that of Airport.
6. 100 % LED Pit lights have been provided for pit lines and maintenance siding of Mumbai Division.