

CITATION

Rly. Hospital Ajmer was founded in the year 1890 for Medical treatment & Health benefit of Rly. Staff as well as private personals. The expansion of Rly. Hospital took place in the year 1964 to meet the requirement of patient. The hospital was designed for 230 beds. The hospital is located in area of approximate 20 acre. The building of Rly. Hospital is well illuminated and surrounded with garden & greenery having approx. 150 trees & several bushes to create natural look and pollution free environment.

In the year 2004-05 and thereafter certain energy conservation measures i.e. provision of CFL lamp, CFL fittings, electronic ballast, electronic tube light fittings, T-5 28 Watt fitting, electronic regulator have been put in service and all 40 watt. FL tube rod has been replaced by 36 watt TL rod. The incandescent have been replaced either by CFL lamp or by TL fittings. The power capacitors have been provided to achieve better power factor and maximum rebate in billing amount.

Staff were counseled about energy conservation & its importance & measures were implemented in effective manner. Due to this, the energy consumption of hospital building reduces rapidly i.e. in 2006-07 electrical energy consumption was 4.61 lakh units as compared to 5.28 lakh units in 2004-05 and decrease of 12.7% energy consumption in 2006-07 as compared to 2004-05, although the number of patient were continuously increasing. It in turn reduces the energy cost by 5.7% in 2006-07 as compared to 2004-05 although the electrical energy costs were hiked in 2005.

The street lights of hospital have been provided with programmable control switches. One major load of hospital i.e. auto clave have been provided with change over switches circuit so that only one auto clave can be used at a time without affecting the efficiency of hospital.

Proper planning has been done for pumping installations in Hospital area so that wastage of water has been stopped.

Special attention has been given for burning of waste material of hospital in incinerator to minimize electric consumption.