

# Two more metro stations get solar power plants

TIMES NEWS NETWORK

**Chennai:** Soon, a part of the daily operations at Nanganallur Road and Meenambakkam metro rail stations will run on solar power, as two plants of 428KWp capacity each have been installed and commissioned on the roofs of the two elevated stations.

The solar plants, with a capacity to generate around 57,780 units per month, are expected to save Chennai Metro Rail Limited (CMRL) around ₹26.34 lakh per year. While a major portion of the operations at the stations is planned to be powered by solar panels in the future, CMRL is also working towards using solar power for operation of trains eventually. The generated solar power will be used for lighting systems and to operate electrical equipment required for the maintenance of the stations.

So far, CMRL has a total installed capacity of 4.1MWp solar power including those installed at its head office in Koyambedu and a few other metro stations.

CMRL had already installed 1MW solar panels at its depot and 125 kw at its car park area generating a total of 1.35 lakh units a



**GREEN ENERGY:** A solar power plant at one of the two metro stations

month saving CMRL ₹21.6 lakh for CMRL on power charges.

Another 2.5 MWp roof top solar power installation is under progress and is expected to be completed by end of this year.

By installing more plants and increasing the usage of solar energy, CMRL aims at reducing carbon footprint.

Solar photovoltaic panels with a capacity of 103KWp have been commissioned at four metro underground stations — Thirumangalam, Anna Nagar East, Anna Nagar Tower and Shenoy Nagar. These panels will generate 13,800 units every day which will save CMRL ₹6.3 lakh a year.