

Metro rail unit to let system recycle water

Network Plans To Use 80KL/Day

TIMES NEWS NETWORK

Chennai: In an effort prevent the acute water crisis in the city from affecting operations, Chennai Metro Rail is going to build a water treatment plant that can treat and supply 80 kilolitre of water everyday. They have floated a tender to set up the plant where water can be used in CMRL administration office and maintenance of depot at Koyambedu. Plans are afoot to set up similar treatment plants to supply clean water for commuters at stations in the future.

Officials said they are looking for companies that can supply, install and commission a water treatment plant. The company also has to provide operation and maintenance service for two years including all required consumables.

"The treated water can be used for drinking purposes and reduces our dependency on other sources for water supply," said an official.

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According to CMRL officials, the administrative building alone consumes 40,000 litres of water a day. Underground and elevated corridors use anywhere between 15,000 to 25,000 litres a day.

They get water supplied by Chennai Metro Water and through private water tankers. CMRL has already adopted another mechanism where they collect condensed water dripping from the air conditioners. The collected water will be treated and used for various purposes including washing trains and cleaning toilets. This will help them to save at least 2000 litres of water every day. Officials have also planned to use the same system in underground metro stations between Nehru Park and Thirumangalam where the stations are air-conditioned.

Metro rail facilities in Delhi and Mumbai also have water treatment plants where they use the recycled water to wash trains.