

# Metro plans to reuse water

Around 2,000 litres of water will be saved through the initiative

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Amid the acute water shortage in the city, Chennai Metro Rail is pitching in to do its bit. It has adopted a mechanism that will help save about 2,000 litres of water every day.

According to officials of Chennai Metro Rail Limited (CMRL), the condensed water dripping from the air conditioners will be collected and used for various purposes.

“For a start, this process has been tried in the administrative building of CMRL in Koyambedu. Soon, we plan to extend it to the stations along the underground

 We have been asked to be cautious about consumption

CMRL OFFICIAL

stretch from Thirumangalam to Nehru Park,” an official said.

The administrative building alone consumes 40,000 litres of water per day, sources said. Stations on the elevated corridor and the underground corridor consume about 25,000 and 15,000 litres respectively.

“The purified water will be used for cleaning toilets,

## Every drop matters

Initially, water will be collected from the administrative building. Later, the system will be implemented in stations

The water will be used to clean toilets, water plants and wash trains



The admin building has about 110 air conditioning units



Pipelines have been added to the three wings of the admin building; east, west and centre

Condensed water from the air conditioning units in the three wings are collected by the pipelines



The pipelines meet at the ground floor of the admin building



The collected water is stored in a sump and pumped using a motor for various purposes



washing trains or watering plants on the CMRL premises,” he added.

### Cautious use

Chennai Metro Rail gets 90% of its water supply from Chennai Metrowater and the remaining is purchased from private water supplier.

“We have been asked to

be very cautious about water consumption and reduce it to the maximum extent possible,” an official said.

Delhi Metro has installed effluent and sewerage treatment plants that have helped it reuse about 140 kilolitres of water every day.

Similarly, Mumbai Metro too has a water treatment

plant, from which four lakh litres of recycled water is obtained.

The water is used to wash coaches.

A few months ago, Chennai Metrowater issued a statement saying it would be mandatory for special and multi-storeyed buildings to have facilities to recycle waste water.