

Uttar Pradesh CM Yogi Adityanath to flag off Kanpur Metro trial run today

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KANPUR: Uttar Pradesh chief minister Yogi Adityanath will flag off the trial run of Kanpur Metro on Wednesday. The event, which was scheduled for mid-November, has been advanced following completion of the related work after a hectic and non-stop schedule skipping even the Diwali holiday.

The project was started on November 15, 2019, and the trial is being done after almost two years. Officials said if everything goes as per plan, the Metro services would be rolled out for the public by December 31 with a state-of-the-art transport infrastructure.

Officials said that the CM will press the button to begin the trials of the Metro train. Two sets of trains are already available for carrying out the trials. However, only one would be used for the purpose. The trials would

be carried out under the strict supervision of RDSO and would go on for six weeks before Metro services are rolled out commercially. The Metro services will not only help in establishing seamless connectivity, but will also ease vehicular congestion across the city and give a major boost to the development of the region. In addition, the Metro services will aid in improving civic facilities and will end the day-to-day commuting woes of the common people.

During the trial run, the CM will also inspect the Metro and the facilities available in the coaches as well as the arrangements at the platforms.

As per plan, on becoming fully operational, six Metro trains will run on the Priority Corridor between IIT and Motijheel and two trains will remain parked in the depot as reserve. Six more trains will arrive in the city by the time the commercial operations are launched. Each train has three coaches with a total capacity of 974 passengers.

In the first phase, the Metro train will run on the nine-kilometre elevated track named Priority Corridor. On the nine kilometre stretch, nine stations have been constructed. The work on the second leg of the first corridor of Kanpur Metro has also commenced at Naveen market where the process is on to construct the underground station. The work on the second leg of the first corridor will be done between Motijheel and Transport Nagar.

The second corridor, work on which would be done in future, would run between CSA University and Naubasta.

The construction work of the project was initiated by the Yogi-led government on November 15, 2019. In a record itself, despite the Covid-19 outbreak and subsequent lockdowns, the project has been completed in less than two years, officials said.

Kanpur Metro is special in many ways. It will be equipped with regenerative braking technology which will save upto 35% energy. That is, if 1,000 units of electricity are spent in train operation, through regenerative braking the trains will generate about 350 units again to be reused. The elevators installed in the stations and depots will also be able to save energy by regenerative braking technology. These will have an energy efficiency of up to 37%. For conservation of energy and electricity, the Metro premises have also been equipped with LED lights.

Furthermore, a plan has been formulated to install solar panels at Metro depots and stations. For the first time in India, Kanpur Metro will come with a 'Third Rail DC Traction System'. Special inverter, which will enable the energy generated by the brakes in the train to be used back in the system. As of now, no such arrangement has been implemented in any metro rail project in the country. The train is also special in terms of protecting the environment and for safety management, officials said.