

# Kanpur Metro saves around ₹26L

PIONEER NEWS SERVICE ■ KANPUR

The Kanpur Metro has saved approximately ₹26 lakh in just the first two months by implementing a cost-effective energy model. In August 2024 alone, the savings amounted to ₹14 lakh, following a ₹12 lakh reduction in July 2024. These savings are attributed to purchasing affordable electricity through the Indian Energy Exchange (IEX), part of the Energy Exchange Programme. The Uttar Pradesh Metro Rail Corporation Limited (UPMRC) is not only the first government entity in the state but also the second metro operator in the country to source power from this exchange. The UPMRC is procuring electricity for Kanpur and Lucknow Metro through the Indian Energy Exchange (IEX) under the 'Open Access Model,' which began for Kanpur Metro on June 28 this year. Previously, electricity was purchased from Uttar Pradesh Power Corporation Limited (UPPCL) at standard rates. In the first month of using the IEX, July 2024, Kanpur Metro achieved a 40 per cent reduction in per-unit energy costs, resulting in savings of approximately ₹12 lakh. These savings increased to around ₹14 lakh in August 2024. Combined, the total savings for Kanpur Metro so far amount to about ₹26 lakh. With the upcoming full-scale commercial operations of Kanpur Metro on Corridor 1 and 2, even greater savings are anticipated from this model. The Indian Energy Exchange (IEX), regulated by CERC, was established to address the power sector's demand-supply gap and enhance transaction transparency. Kanpur Metro benefits from this system by booking daily slots at IEX to acquire electricity at competitive rates. When power is available from any state at an eco-



Solar plant set up by UPMRC at Gurdev Chauraha Metro Depot.

nomical price, it is procured from the National Grid. For the remaining slots, electricity is supplied by Uttar Pradesh Power Corporation Limited (UPPCL) at standard rates.

Currently, the commercial rate for electricity from UPPCL is approximately ₹8.00 per unit, whereas the average cost of electricity from the exchange is around ₹4.90 per unit. This means electricity purchased from the exchange is about 40 to 50 per cent cheaper per unit compared to UPPCL. Kanpur Metro is benefiting from these savings by acquiring electricity at significantly lower rates. The other government and private organizations could adopt this model to reduce their power costs, potentially boosting productivity, especially in manufacturing and service industries.

According to Managing Director Sushil Kumar, "UPMRC is paving the way for significant savings in both electricity and costs through various innovative measures in its projects. By procuring affordable electricity from the national grid via the Indian Energy Exchange, Kanpur Metro saw impressive results in the first month, with savings increasing even further in the second month, totalling approximately ₹26 lakh so far. Additionally, initiatives such as a 1 MW solar plant at the Gurudev Chauraha metro depot, a Regenerative

Braking system in metro trains and elevators, an advanced HVAC system for train air conditioning, and 100 per cent LED lighting throughout the metro system are benefiting both the company and the environment."

**GIRL'S BODY FOUND:** A missing 13-year-old girl was killed in Fatehpur on Saturday night. Her body was recovered from a garden near Jafrabad bypass on Sunday morning. On getting information the ASP and field unit rushed to spot and carried out investigation.

According to a report, a resident of an area under the Bindki Kotwali, she had gone to the coaching institute around 4 pm on Saturday. After she failed to return till late, her kin contacted the coaching institute and were informed that she did not reach there on Saturday. On failing to trace her, they informed the police on the helpline No 1090. Thereafter, the Kotwali police came to know the incident. Around 11 pm, her mother lodged an FIR about her daughter being missing. Kin along with police and local residents kept on searching the girl till 2 am. On Sunday morning, villagers saw the girl dead on the bypass and informed the police. Surveillance, Intelligence Bureau and SOG teams were also deputed to workout the murder case.