

MANGALURU INTERNATIONAL AIRPORT

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Mangaluru International Airport transitions to 100% LEDs

- Change over helps airport save 1.88-lakh kWh/annum
- In all, 1111 conventional lights replaced with LED
- Move will help reduce 148.9 tonnes of CO2 per annum
- Controlled lighting, timers for street lighting too part of savings measure

Mangaluru: Mangaluru International Airport on the eve of World Environment Day has reached yet another critical milestone in its resolve of achieving the Net Zero goal. The airport has done this by switching over all its conventional lights to the energy efficient lighting system in a phased manner. In replacing 1111 conventional lights spread across various functional areas with as many LED lights, the airport has achieved 100% conversion of lights with LED lights.

This change over will help the airport overall save 188,558.96 kWh/annum. The biggest saving will be seen in the National Air Traffic Services (NATS) building area where the airport will save 1.17-lakh kWh/annum with the use of 752 LED lights. In New Integrated Terminal Building, MIA will save 56467 kWh/annum with 261 LED lights and 14673 kWh/annum by changing the 98 conventional lights to LED lights in the airside, old terminal building and NATS area.

The switchover will help in the reduction of 148.962 tonnes of CO2 emission per annum, including 92.761 tonnes of CO2 in the NATS area. CO2 emission is primarily recognized as the primary driver of global climate change. The airport hitherto had converted 948 conventional lights to LED which had helped it reduce 137 tonnes of CO2 in FY 2021-22. In replacing the remaining 163 conventional lights, the airport has furthered its cause to environmental protection.

The airport has proactively gone in for controlled lighting system, which will enable it to switch off lights wherever not required. The use of timers too ensures that the streetlights are switched on at specified times. "The airport proactively follows a system of switching off lights in offices when people are not around," the airport spokesperson said. "The airport in doing so is actively aiding the resolve of the government to achieve Net Zero goal by 2070," the spokesperson added.

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