

**GOVERNMENT OF INDIA**  
**MINISTRY OF CIVIL AVIATION**  
**LOK SABHA**  
**UNSTARRED QUESTION NO. : 3365**  
( TO BE ANSWERED ON THE 12th March 2026 )

**REDUCTION IN CARBON EMISSIONS**

3365. SHRI ROBERT BRUCE C

Will the Minister of CIVIL AVIATION

be pleased to state:-

- (a) whether the Government has formulated any national roadmap to reduce carbon emissions and improve energy efficiency at Union Government operated airports across the country including Tamil Nadu and if so, the details thereof;
- (b) the details of the measures taken by the Airports Authority of India (AAI) to promote renewable energy use, waste management and carbon-neutral airport operations; and
- (c) whether the Government has entered into any international collaborations or pilot projects on green aviation infrastructure and if so, the details thereof?

**ANSWER**

Minister of State in the Ministry of CIVIL AVIATION (Shri Murlidhar Mohol)

(a) to (c): Ministry of Civil Aviation (MoCA) has advised all the State Governments/UTs and developers of the upcoming Greenfield airports to work towards achieving Carbon Neutrality & Net Zero. Further, MoCA has also advised all the States/UTs to ensure Carbon Emission reduction measures and achieving Net Zero target ab-initio by incorporating design/standards in the Greenfield airport development proposal, Detailed Project Report (DPR), etc.

Renewable Energy (RE) sources help in reducing carbon emissions at airports. Accordingly, the airport operators including Airports Authority of India (AAI) have installed solar power plants for generation and self-consumption of green and renewable energy. Few airports are also procuring green energy through open access. As of now, 100 airports, including 94 of AAI airports have switched to 100% green energy usage. AAI has also taken measures for Solid Waster Management & Waste Water Management. Further, Sewage Treatment Plant (STP) with cumulative capacity of 18 Million Litres Per Day (MLD) have been commissioned at 72 AAI airports.

Airports are participating in the Airport Carbon Accreditation (ACA) programme of Airports Council International (ACI), a voluntary global carbon

management standard for airports. Under this, 4 airports namely, Delhi, Mumbai, Bangalore and Hyderabad have achieved the highest Level 5 of the Accreditation and have become Carbon Neutral Airports.

International Civil Aviation Organization (ICAO) has adopted a market based measure Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) to reduce carbon emissions from international aviation, and India, as a Member State, is required to comply with the mandatory phase from 2027. India has also joined ICAO's Assistance, Capacity-building and Training for Sustainable Aviation Fuels (ACT-SAF) programme and participates in the Committee on Aviation Environmental Protection (CAEP) working groups for development of global environmental standards for aviation.

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