

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
RAJYA SABHA
UNSTARRED QUESTION NO : 648
(TO BE ANSWERED ON THE 2nd December 2024)

CARBON NEUTRALITY INITIATIVE IN THE COUNTRY'S AIRPORTS

648. DR. KALPANA SAINI

Will the Minister of CIVIL AVIATION be pleased to state:-

- (a) the specific statistics regarding the progress of Carbon Neutrality initiative in the country's airports;
- (b) the number of airports which have achieved Carbon Neutrality along with the level of recognition they have received;
- (c) the total number of greenfield airports built since 2019 and the number of such airports actively working towards Carbon Neutrality; and
- (d) the percentage of airports that have achieved 100 per cent green energy so far?

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 operational airports with scheduled operations and developers of the upcoming Greenfield Airports to work towards achieving Carbon Neutrality & Net Zero which inter-alia includes use of green energy. MoCA has taken initiatives for working towards Carbon neutrality at airports in the country and organised knowledge sharing sessions to standardise Carbon Accounting and Reporting framework of Indian Airports as well as to create awareness on Climate Change mitigation. Further, airport operators with scheduled operations have been advised to map the carbon emission at their respective airports and to work towards carbon neutrality & net zero emissions in a phased manner.

The airport operators including Airports Authority of India (AAI) have installed solar power plants at various locations/Airports for generation and self-consumption of green and renewable energy to encourage green energy usage at the airports. In addition, few airports are also procuring green energy through open access.

Other initiatives include adoption of building design as per Green building Standards, conversion of conventional vehicles to electric vehicles, energy efficient Heating, Ventilation and Air Conditioning (HVAC), lighting and baggage handling systems etc.,

8 Airports namely Kalaburagi, Orvakal, Sindhudurg, Kushinagar, Itanagar(Hollongi), Mopa, Shivamogga and Rajkot have been operationalised since 2019. Airports viz. Delhi, Mumbai, Hyderabad and Bengaluru have achieved Level 4+ and higher Airports International Council (ACI) accreditation and have become Carbon neutral.

(d): Since 2014, a total of 80 airports have switched over to 100% green energy usage. 80 Airports i.e approximately 51% of total 157 Operational Airports have achieved 100 per cent green energy usage.
