

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 4497
(To be answered on the 27th March 2025)**

AIRPORTS ON RENEWABLE ENERGY

4497. SHRI K C VENUGOPAL

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

- (a) the percentage of airports currently operating on renewable energy across the country;**
- (b) the steps being taken by the Government to make major airports fully solar or wind-powered;**
- (c) whether the Government has any plans to mandate renewable energy adoption for all upcoming airport projects and if so, the details thereof; and**
- (d) the incentives or policies formulated to encourage private airports to shift to renewable energy?**

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री

(Shri Murlidhar Mohol)

(a): 87 airports out of 159 operational airports i.e. approx. 55% of operational airports have achieved 100% usage of Green Energy.

(b): 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.

(c) & (d): 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 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.

Airports Economic Regulatory Authority of India (AERA) takes into consideration the Capital expenditure relating to Green Energy Projects, Carbon Neutrality etc. during the Tariff determination process of Major Airports.
