

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 3035
(To be answered on the 11th July 2019)

USE OF GREEN ENERGY BY AIRPORTS

3035. SHRI THOMAS CHAZHIKADAN

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

- (a) whether the Government is aware that the Cochin International Airport Ltd.(CIAL) is one of the largest green energy companies in the country ;
(b) if so, the details thereof including its installed capacity, quantum of power generation and power consumption per day;
(c) whether the Government has incentivised any airports in the country to adopt a similar model like CIAL for solar powered operations to become self-sufficient in their respective consumption of power and if so, the details thereof;
(d) if not, whether the Government proposes to provide any incentive to encourage use of green energy and if so, the details thereof; and
(e) whether the Government has conducted any study to measure carbon emissions saved by an airport fully powered by clean renewable resources and if so, the details thereof?

ANSWER

Minister of State (IC) in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार)

(Shri Hardeep Singh Puri)

(a) & (b): Yes Sir. Cochin International Airport Ltd. (CIAL) became the first airport in the world to be fully powered by solar energy in August, 2015. The installed capacity (output) is 40 Mega Watt peak (MWp), Quantum of power generation is 1.6 lakh units on an average per day and Power consumption per day is 1.5 lakh units on an average per day.

(c) & (d): In line with Government of India's policy for reduction of Green House Gases (GHG) emission, Airport Authority of India (AAI) has adopted a similar model as Cochin Airport at its various airports and has set up Solar Power Plants with the capacity of 38.787 MWp including 15 MWp solar power plant at Kolkata Airport. Further, AAI has also identified Hubballi, Belgavi and Mangalore airports for operating on renewable energy through solar power.

(e) AAI has initiated airport Greenhouse Gas Emission Management under ACI-ACA (Airport Council International - Airport Carbon Accreditation) Programme at Kolkata, Varanasi, Bhubaneswar and Trivandrum Airports to measure carbon emission saved by clean renewable resources. A total of 78,000 Tons of carbon emission has been saved by generating approx. 8,71,00,000 units at various airports.
