

**GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
RAJYA SABHA  
UNSTARRED QUESTION NO. : 3215  
(TO BE ANSWERED ON THE 24<sup>th</sup> March 2021)**

**GREEN AIRPORTS**

**3215. SHRI IRANNA KADADI**

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

- (a) whether Government has incentivized any airports in Karnataka to adopt a similar model like Cochin International Airport Limited (CIAL) for solar powered operations to become self-sufficient in their respective consumption of power and if so, the details thereof;**
- (b) if not, whether Government proposes to provide any incentive to encourage use of green energy at Belgaum airport and if so, the details thereof; and**
- (c) whether 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**

**(Shri Hardeep Singh Puri)**

**(a) and (b): The Airports Authority of India (AAI) has commissioned 44.87 MW capacity solar power plants at 51 Airports. Further, AAI has undertaken installation of 15.76 MW capacity solar power plant at 06 Airports. In Karnataka, AAI has undertaken work of 8MW capacity solar power plant at Hubballi Airport. The scope of work covers distribution of generated solar power to other Airports in Karnataka such as Belgaum, Bellary, Mysore, Mangalore and Bangalore Airport to meet the electricity requirements of these airports with green energy.**

**(c): AAI has implemented Airports Council International (ACI) - Airport Carbon Accreditation (ACA) Programme at four (4) airports viz. Kolkata, Bhubaneswar, Varanasi & Trivandrum to assess the carbon emission reduction by usage of clean renewable resources. AAI has achieved the annual carbon emission reduction by lowering intensity factor (kg Carbon Dioxide emission per pax), in the year 2018, to 2.14 at Kolkata Airport, 1.57 at Bhubaneswar Airport, 1.52 at Varanasi Airport and 2.54 at Trivandrum Airport.**

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