

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3859  
TO BE ANSWERED ON 03.01.2019**

**INSTALLATION OF LED AT AIRPORTS**

**3859. KUNWAR HARIBANSH SINGH:  
SHRI SUDHEER GUPTA:  
SHRI ASHOK SHANKARRAO CHAVAN:**

**Will the Minister of POWER  
be pleased to state:**

- (a) whether Energy Efficiency Services Limited (EESL) has signed a Memorandum of Understanding (MoU) with the Airports Authority of India (AAI) for installing energy efficient LED lights at Airports, building and facilities owned by AAI across India;**
- (b) if so, the details thereof and the investment involved on the said project and the time by which it is likely to be installed;**
- (c) the details of institutions with which EESL has signed to replace inefficient lighting and cooling appliances with efficient equipment so far;**
- (d) the details of cost saving of power by EESL through installed/replaced inefficient lighting and cooling appliance with efficient equipment so far; and**
- (e) the other steps taken/being taken by the Government to transform multiple private/Government commercial building in India into energy efficient complexes?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER  
AND NEW & RENEWABLE ENERGY**

**( SHRI R. K. SINGH )**

**(a) & (b) : Energy Efficiency Services Ltd. (EESL), a joint venture company of Public Sector Undertakings (PSUs) under the Ministry of Power has signed a Memorandum of Understanding (MoU) with the Airports Authority of India (AAI) on 28<sup>th</sup> February, 2018 for installing energy efficient LED lights at airports, buildings and facilities owned by AAI across India. The entire project is estimated to cost approximately INR 24.41 crore. EESL is expected to complete the installation of LED lights in AAI buildings by 15<sup>th</sup> January, 2019.**

**(c) & (d) : EESL has signed MoUs with Railways, PWD in Maharashtra, Delhi Metro Rail Corporation (DMRC), AAI, Andhra Pradesh District Courts, South Delhi Municipal Corporation (SDMC) schools, Bank of Baroda, Mahindra & Mahindra (M&M) in Maharashtra and Central/State Government to replace inefficient lighting and cooling appliances with efficient equipment.**

**Till date, EESL has completed building energy efficiency projects in 10,088 buildings including Railway stations. Energy Audits show energy saving potential to the tune of up to 30-50% in these buildings. This has resulted in estimated energy savings of 82.76 million kWh/Year and estimated cost savings of INR 66.21 crore per year.**

**(e) : Other steps taken/being taken by the Government to transform multiple private/Government commercial buildings in India into energy efficient complexes are as follows:-**

- (i) Government of India has issued instruction to all Government Ministries and Departments in August 2017 to ensure that all buildings occupied by them and organizations under their administrative control are made energy efficient.**
- (ii) Bureau of Energy Efficiency (BEE) has developed two initiatives to promote energy efficiency in commercial buildings, namely Energy Conservation Building Code (ECBC) and Building Star Labelling Programme.**
- (iii) With an objective to promote energy conservation in space cooling, BEE has developed voluntary guidelines, recommending air conditioning temperature setting at an optimal level of 24- 26 °C, for implementation in large commercial establishments such as Hotels, Airports, public office complexes of public and large institutions.**
- (iv) EESL is implementing the Buildings Energy Efficiency Programme (BEEP) to retrofit energy efficient appliances in commercial buildings.**

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