

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.2663  
TO BE ANSWERED ON 02.08.2018**

**DEFAULT SETTING IN AC**

**2663. SHRI PRALHAD JOSHI:**

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

- (a) whether the Ministry has advised AC manufacturers to set default setting in air conditioners;**
- (b) if so, the details thereof; and**
- (c) the reasons for such an initiative and the advantages thereof?**

**A N S W E R**

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

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

**(a) to (c): During summer, it is estimated that in a typical building, air conditioning consumes the maximum amount of electricity, which accounts for more than 50% in case of commercial or residential buildings.**

**An increase in air conditioning temperature of room by 1 degree Celsius (°C), saves about 6% of electricity. Generally, air conditioning temperature is set between 20-21 °C, whereas the ideal/optimal temperature is 24-26 °C. Change in air conditioning temperature from 20 °C to 24 °C, will save about 24% of electricity. This will reduce emissions and thereby be good for the environment; it will save money, and it is also good for health.**

**With an objective to promote energy conservation in space cooling, Bureau of Energy Efficiency (BEE), under the guidance of Ministry of Power, have developed voluntary guidelines recommending air conditioning temperature setting at optimum level of 24-26 °C. To take forward this initiative a meeting was held with the manufacturers of Air-conditioner (AC) on 22<sup>nd</sup> June, 2018, wherein it was suggested to explore the technical feasibility for default temperature setting of AC at 24 °C.**

**The above mentioned voluntary guidelines have been recommended for implementation in large commercial establishments, such as, Hotels, Airports, office complexes of public and large institutions.**

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