

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2565
ANSWERED ON 22.12.2022**

ENERGY EFFICIENCY STANDARDS FOR APPLIANCES

2565. SHRI DUSHYANT SINGH:

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

- (a) whether efforts have been made by the Bureau of Energy Efficiency to harmonize energy efficiency standards for appliances with countries such as the EU and the USA;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government has plans to harmonize standards which would facilitate better trade and if so, the details thereof; and
- (d) the volume of trade in energy-efficient appliances with the EU and the USA during the last five years and the current year?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : BEE has explored the possibility of harmonizing the standards for Room Air Conditioners with countries such as EU and USA. It has been noted that the test conditions regarding temperature range for calculating Energy Efficiency for these countries are found to be different based on its weather and climatic conditions.

Further, it is also noted that the annual operating hours for each country is different. In view of the above, the harmonisation process of energy efficiency standards for Room Air Conditioner in India with EU and USA could not be taken further.

However, BEE has raised energy efficiency level for appliances over the years.

(d) : (i) The volume of trade in various appliances with EU countries during the last five years and in the current year (till October, 2022) is as under:

Figures in Million US \$

Year	Export	Import
2017-18	5005.30	9672.33
2018-19	5826.46	11802.01
2019-20	5606.61	11387.30
2020-21	5230.79	9068.60
2021-22	7571.78	11947.09
2022-23 (till Oct 2022)	4562.94	7732.17

(ii) The volume of trade in various appliances with USA during the last five years and in the current year (till October, 2022) is as under:-

Figures in Million US \$

Year	Export	Import
2017-18	3322.69	4323.08
2018-19	4703.49	4000.04
2019-20	5912.11	5011.75
2020-21	5606.82	2718.99
2021-22	7418.20	3903.26
2022-23 (till Oct 2022)	4847.81	2588.67

Above data pertains to AC, Refrigeration machinery, ATM, Injecting moulding machinery, consumer electronics, electric machinery and equipment, electronics components, electronics instruments, industrial machinery for dairy, all types of pumps etc.
