

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**RAJYA SABHA**  
**UNSTARREDQUESTION NO. 2636**  
TO BE ANSWERED ON 11.08.2023

**PROMOTING POWER EFFICIENT ELECTRONIC APPLIANCES**

**2636. SHRI BRIJLAL:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the demand for electronic appliances has increased in the country during last few years and is likely to increase further in the future, if so, the details thereof;
- (b) whether Government proposes to promote power efficient appliances in the country in view of the increasing demand for electricity due to increased use of electronic appliances; and
- (c) if so, the details thereof and the steps taken or being taken in this regard?

**ANSWER**

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION  
TECHNOLOGY (SHRI RAJEEV CHANDRASEKHAR)

(a): Government of India's goal is to broaden and deepen the country's electronic manufacturing ecosystem as well as increase India's participation in electronics Global Value Chains (GVCs). Government has taken several measures to boost electronics manufacturing including semiconductors in the country and incentivize large investments in the electronic goods and appliances as well as to promote exports. As a result, the production of electronic goods including appliances has increased from Rs. 1,90,366 crores in FY 2014-15 to Rs. 8,25,000 crores in FY 2022-23 at a CAGR of 20.1%. Further, the demand for electronic goods and appliances has increased from Rs. 3,81,718 crores in FY 2014-15 to Rs. 12,55,818 crores in FY 2022-23 at a CAGR of 16%. The demand for electronic goods and appliances is forecasted to grow upto Rs. 14,91,972 crores in FY2025-26 growing at a CAGR of 22% from 2022-23.

(b) and (c): Yes. The Ministry of Power, through Bureau of Energy Efficiency, is promoting adoption of power-efficient appliances through the Standards & Labelling Programme. The key objective of this programme is to provide the consumer an informed choice about the energy savings and the cost savings potential of the various appliances/equipment. The programme prescribes rating for appliance based on the energy performance on a scale of 1 to 5, with 5 stars being the most energy efficient one. Energy labelling is one of the most cost-effective policy tools for improving energy efficiency and lowering energy cost of the appliance/ equipment for consumers. The programme presently involves rating for 34 equipment/appliances which are placed at Annexure I.

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**Annexure I**

<b>Sr.No.</b>	<b>Appliance/Equipment</b>
1	Room Air Conditioner (Fixed Speed)
2	Room Air Conditioner (Variable Speed)
3	Room Air Conditioner (Cassette, Floor Standing Tower, Ceiling, Corner AC)
4	Frost Free Refrigerator
5	Direct Cool Refrigerator
6	Tubular Fluorescent Lamp
7	Distribution Transformer
8	Stationary Storage Type Electric Water Heater
9	Colour Television
10	LED Lamp
11	Ceiling Fan
12	Direct Cool Refrigerator
13	Light Commercial Air Conditioner
14	Deep Freezer
15	Washing Machine
16	General Purpose Industrial Motor
17	Submersible Pump Sets
18	Computer (Notebook/Laptop)
19	Ballast (Electronic/Magnetic)
20	Office Automation Product (Printer, Copier, Scanner, MFDs)
21	Diesel Engine Driven Mono-set Pump
22	Solid State Inverter
23	Diesel Generator Set
24	Chiller
25	Microwave Oven
26	Solar Water Heater
27	Air Compressor
28	LPG-Stove
29	Tyre/Tire
30	Hi Energy Li-Battery

31	Induction Hob
32	Side-by-side/Multi Door Refrigerator
33	Pedestal Fan
34	Table/Wall Fan

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