

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.871
TO BE ANSWERED ON 17.09.2020**

STAR RATING TECHNIQUE

**†871. SHRI JOHN BARLA:
SHRIMATI RATHVA GITABEN VAJESINGBHAI:
SHRI NAYAB SINGH:**

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

- (a) whether the “Star Rating” technique fulfils the objective of energy savings of high energy equipment sand appliances;**
- (b) if so, the details thereof;**
- (c) whether energy appliances have been categorized or classified accordingly and if so, the details thereof;**
- (d) the details of the appliances and equipment which have been labelled with star or have been selected for star rating;**
- (e) whether any technological change in the appliances and equipments has also been approved; and**
- (f) if so, the details thereof?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : The Star Rating technique fulfils the objective of energy savings in high energy consuming equipment and appliances by optimizing the energy performance of these appliances and equipments. The Standards & Labeling Programme of Bureau of Energy Efficiency (BEE), a statutory body under the Ministry of Power, provides a rating from 1 to 5 star (5 star being the most efficient) for each registered appliance from the respective category, based on the energy performance criteria. The scheme has reported energy savings of 55.7 billion units (BU) of electricity in the year 2018-19.

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(c) & (d) : 26 appliances have been covered under the Standards & Labelling Programme, out of which 10 are under the mandatory regime while the remaining 16 are under voluntary regime. Details of appliances and equipment covered under this Programme are furnished at Annexure.

(e) & (f) : BEE's Star Labelling Programme is technology agnostic. The programme rates an appliance based on its energy performance on a scale of 1 to 5, irrespective of technology used in the appliance. Keeping in view the advancements in technology, BEE periodically upgrades the energy performance of appliances, in order to enhance availability of more energy efficient appliances in the market. Based on the market transformation, appliances are also shifted from voluntary regime to the mandatory regime.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 871 TO BE ANSWERED IN THE LOK SABHA ON 17.09.2020.

Details of appliances and equipment covered under Standards & Labeling Programme:

Sl. No	Mandatory Appliances	Sl. No	Voluntary Appliances
1	Room Air Conditioners	1	Induction Motors
2	Frost Free Refrigerator	2	Pump Sets
3	Tubular Florescent Lamp	3	Ceiling Fans
4	Distribution Transformer	4	LPG-Stoves
5	Room Air Conditioner (Cassette, Floor Standing)	5	Washing Machine
6	Direct Cool Refrigerator	6	Computer (Notebook/Laptops)
7	Color Television	7	Ballast (Electronic/Magnetic)
8	Electric Geysers	8	Office Equipment's (Printer, Copier, Scanner, MFD's)
9	Variable speed (Inverter) Air Conditioners	9	Diesel Engine Driven Mono-set Pumps
10	LED Lamps	10	Solid State Inverter
		11	Diesel Generator Sets
		12	Chillers
		13	Microwave Oven
		14	Light Commercial Air Conditioners
		15	Solar Water Heaters
		16	Deep Freezers
