

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1318**  
TO BE ANSWERED ON 09.02.2022

**NUCLEAR-ENERGY POWERED ELECTRICITY**

1318. DR. SANJEEV KUMAR SINGARI:  
SHRI P.V. MIDHUN REDDY:

Will the PRIME MINISTER be pleased to state:

- (a) the percentage increase in the share of nuclear-energy powered electricity in the country since 2014;
- (b) whether this share has largely remained stagnant during the last two decades and if so, the reasons therefor; and
- (c) the steps taken/being taken by the Government towards ensuring long-term energy security through utilization of nuclear energy?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR.JITENDRA SINGH):

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- (a) The share of nuclear energy in the total electricity generation in the country has remained around 3 to 3.5% since 2014. However, the actual commercial generation has increased from 34162 Million Units in calendar year 2014 to 43918 Million Units in calendar year 2021.
- (b) The share of nuclear power has remained around 3 to 3.5% of the total electricity generation in the last two decades, thus keeping pace with the growth of total electricity generation in the country. The share of nuclear power in total electricity generation depends on the generation by nuclear power units and that by all electricity generating technologies. The share of nuclear power in the total electricity generation is planned to be increased by adding more nuclear power capacity in the country.

- (c) India is pursuing an indigenous three-stage nuclear power programme to provide the country long term energy security in a sustainable manner. In addition, Light Water Reactors based on foreign cooperation are also being set up as additionalities. An expansion programme for nuclear power is being undertaken to provide the country clean electricity.

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