

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO- 1522**  
ANSWERED ON 31/07/2024

**NON-FOSSIL FUEL**

1522. DR. AMAR SINGH

Will the PRIME MINISTER be pleased to state:-

- (a) whether the Government is cognizant that Nuclear Energy would play a significant role in attaining the goals of having a cumulative installed capacity share of non-fossil fuel energy sources of around 50 percent by 2030 and achieving net-zero emissions by 2050; and
- (b) if so, the details of the initiatives proposed to be taken by the Government to expand the country's nuclear power capacity keeping in view country's energy transition for meeting the goal of a net zero economy by 2070?

**ANSWER**

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

- (a) & (b) Nuclear energy has huge potential to provide the country's long-term energy security in a sustainable manner. It has a vital role in the energy transition to net zero, as a base load source of clean electricity, available 24X7. To contribute to the target set by the Government in achieving net zero emissions, a nuclear power expansion programme is being implemented to increase the installed nuclear power capacity to 22480 MW by 2031-32 from 8180 MW at present. The Government has also accorded 'In- principle' approval for five new sites for setting up nuclear power reactors in the future.

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