

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 485
TO BE ANSWERED ON 07.12.2023

Net zero carbon economy

485 Shri Ayodhya Rami Reddy Alla:

Will the PRIME MINISTER be pleased to state:

- (a) whether there exists an action plan to scale up nuclear energy to achieve the target of making India a net zero carbon economy by 2070;
- (b) the details of total energy produced by nuclear power plants in the country as on date; and
- (c) the manner in which Government plans to integrate nuclear energy into the national strategy for achieving a net-zero carbon economy, considering its potential role in low-carbon energy production and the evolving landscape of sustainable energy solutions?

ANSWER

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

- (a) Yes sir.
- (b) The present installed nuclear power capacity in the country is 7480 MW and the electricity generated from nuclear power plants in the current year (April to October 2023) is 27,592 Million Units.
- (c) Nuclear power is a clean and environment friendly base load source of electricity generation, which is available 24 X 7. It has a huge potential and can provide the country long term energy security in a sustainable manner. Expansion of nuclear power capacity will help in the country's energy transition for meeting the goal of net zero carbon economy.
