

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
STARRED QUESTION NO.357
TO BE ANSWERED ON 25.07.2019

STATUS OF CIVIL NUCLEAR DEAL

*357. SHRI SASMIT PATRA:

Will the Prime Minister be pleased to state:

- (a) the status of Civil Nuclear deal signed by India with foreign countries;
- (b) the details of plans to use nuclear technology for generating energy for civilian use in the country; and
- (c) the details of partnerships, if any, entered into with other countries for furthering atomic energy cooperation and development of the country?

ANSWER

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

(a)to(c) A statement is placed on the table of the House.

Government of India
Department of Atomic Energy

STATEMENT REFERRED TO IN REPLY TO RAJYA SABHA STARRED
QUESTION NO. *357 DUE FOR ANSWER ON 25.07.2019 BY SHRI SASMIT
PATRA REGARDING "STATUS OF CIVIL NUCLEAR DEAL".

(a)&(c) Inter Governmental Agreement (IGA) for co-operation in peaceful uses of nuclear energy have been signed with the following seventeen(17) countries: Argentina, Australia, Bangladesh, Canada, Czech Republic, European Union, France, Japan, Kazakhstan, Mongolia, Namibia, Republic of Korea, Russia, Sri Lanka, United Kingdom, United States of America and Vietnam. Collaboration in power and non-power uses of nuclear energy for the societal purpose including in cancer care, agriculture, industrial application have been established with a number of countries.

(b) India's three-stage nuclear power programme is formulated to achieve country's long term energy security and independence, through the use of Uranium and vast Thorium reserves.

The three stages are:

1. Natural Uranium fuelled Pressurized Heavy Water Reactors (PHWR).
2. Fast Breeder Reactors (FBRs) utilizing Plutonium based fuel.
3. Advanced nuclear power systems for utilization of Thorium.

The present installed nuclear power capacity comprises of 22 nuclear power reactors with a total capacity of 6780 MW. A total of nine nuclear power reactors with an aggregate capacity of 6700 MW are presently under construction. In addition, the Government has accorded administrative approval and financial sanction for setting up 12 more nuclear power reactors with a total capacity of 9000 MW.
