

LOK SABHA

D. No. U7300

Ministry to which the day has been allotted : ATOMIC ENERGY

Sitting on the : 21/12/2022

Small Modular Reactors

Will the Prime Minister be pleased to state:

(a) whether nuclear power is critical for achieving India's clean energy targets set in COP-26 and if so, whether the Government is planning to develop small modular reactors (SMR) with 300 MW capacity in the country and if so, the details thereof, State/UT-wise including the States of Uttar Pradesh, Odisha and Rajasthan and the reasons and rationale therefor;

(b) the details of steps taken by the Government along with the technologies to be utilised, process and procedure, licensing mechanism, etc. in this regard;

(c) the details of proposals and other safeguards undertaken by the Union Government in constructing such SMRs;

(d) the details of total atomic energy generation at present in the country; and

(e) whether there is any participation of private sector in generation of nuclear energy at present, if so, the details thereof and the steps taken or being taken by Government to involve private sector in nuclear energy generation through SMR?



Subject **Fwd: Question : Unstarred: Diary No : 7300: Answer Date: 21/12/2022**
 From prodaedel <prodaedel@nic.in>
 To Junior Analyst <ja@dae.gov.in>
 Cc UNDER SECRETARY DAE DELHI BR SECTT <usdaedel@nic.in>
 Date 2022-12-13 10:14 am

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 To: "prodaedel" <prodaedel@nic.in>
 Sent: Monday, December 12, 2022 6:10:02 PM
 Subject: Question : Unstarred: Diary No : 7300: Answer Date: 21/12/2022

LOK SABHA

D.No 7300

Ministry to which the day has been allotted : ATOMIC ENERGY
 Sitting on the : 21/12/2022

Small Modular Reactors

Will the Prime Minister

- (a) whether nuclear power is critical for achieving India's clean energy targets set in COP-26 and if so, whether the Government is planning to develop small modular reactors (SMR) with 300 MW capacity in the country and if so, the details thereof, State/UT-wise including the States of Uttar Pradesh, Odisha and Rajasthan and the reasons and rationale therefor;
- (b) the details of steps taken by the Government along with the technologies to be utilised, process and procedure, licensing mechanism, etc. in this regard;
- (c) the details of proposals and other safeguards undertaken by the Union Government in constructing such SMRs;
- (d) the details of total atomic energy generation at present in the country; and
- (e) whether there is any participation of private sector in generation of nuclear energy at present, if so, the details thereof and the steps taken or being taken by Government to involve private sector in nuclear energy generation through SMR?

*NPCIL
 AERB
 BARC / power*