

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:4798
ANSWERED ON:23.04.2003
ATOMIC POWER GENERATION
DALPAT SINGH PARASTE

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the view of the below-target coal production and un-satisfactory rainfall, the Government propose to instal atomic power plants in different parts of the country to meet power shortage; and

(b) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTICAL PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND MINISTER OF STATE IN THE DEPARTMENT OF SPACE (SHRIS.B. MOOKHERJEE)

(a) & (b) In order to meet the growing electricity needs of the country, an optimal mix of different energy sources like coal, hydro and nuclear need to be developed. The present nuclear power capacity in the country is 2720 MWe with 14 units in operation. Eight nuclear power reactor projects i.e. 2 x 540 MWe Pressurised Heavy Water Reactor (PHWR) project at Tarapur, Maharashtra, 2x200 MWe Units PHWR Project at Kaiga, Karnataka, 2x1000 MWe Light Water Reactor (LWR) project in co-operation with the Russian Federation at Kundankulam, Tamil Nadu and 2x220 MWe PHWR Project at Rawatbhata, Rajasthan, are under construction. With the completion of Tarapur Atomic Power Project 3 & 4 and Kaiga 3, the total nuclear power capacity will reach 4020 MWe by the end of X Plan and with the completion of Kaiga 4, Kundankulam Nuclear Power Project 1 & 2 and Rajasthan Atomic Power Project 5 & 6, the nuclear power capacity will be increased to 6680 MWe by December, 2008. The work on these projects is progressing as per schedule. Subject to the availability of funds, more projects are planned to be taken up progressively to reach a total nuclear power capacity of about 10,000 MWe by the end of the XI Plan (2011-12) and 20,000 MWe by the year 2020.