

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3842**  
TO BE ANSWERED ON 06.04.2023

**Status of new nuclear power plants**

3842 Shri Abir Ranjan Biswas:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government is aware of the number of nuclear power plants with varying capacity which are either under-construction or planned for construction apart from the nuclear power plants generating 7,480 MW energy in last five years, year-wise, State-wise;
- (b) the details of the timeline required for completion of each of the under-construction nuclear power plants, power plant-wise; and
- (c) the details of current status of planned nuclear power plants?

**ANSWER**

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

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(a)to(c) Yes, Sir. The details are given in Annexure:

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Annexure

| State   | Location      | Project                 | Capacity (MW) | Expected Completion   | Physical Progress (as of Feb-2023) / Status   |
|---|---------------|-------------------------|---------------|-----------------------|---|
| <b>Projects Under Construction</b>  |               |                         |               |                       |   |
| Gujarat   | Kakrapar      | KAPP-3 <sup>§</sup> & 4 | 2 X 700       | 2023                  | 97.18%  |
| Rajasthan   | Rawatbhata    | RAPP-7&8                | 2 X 700       | 2026                  | 89.02%  |
| Tamil Nadu  | Kudankulam    | KKNPP-3&4               | 2 X 1000      | 2025                  | 65.57%  |
|   |               | KKNPP-5&6               | 2 X 1000      | 2027                  | 15.43%  |
|   | Kalpakkam     | PFBR                    | 1 X 500       | 2024                  | 97.64 %   |
| Haryana   | Gorakhpur     | GHAVP-1&2               | 2 X 700       | 2029                  | <i>Casting of all foundation piles have been completed in both Nuclear Building (NB) areas and construction of various other plant buildings is underway.</i> |
| <b>Projects Accorded Administrative Approval &amp; Financial Sanction</b> |               |                         |               |                       |   |
| Karnataka   | Kaiga         | Kaiga-5&6               | 2 X 700       | Progressively by 2031 | <i>Various pre-project activities at the sites and procurement of various long manufacturing cycle equipment and components are underway.</i>                 |
| Haryana   | Gorakhpur     | GHAVP- 3&4              | 2 X 700       |                       |   |
| Madhya Pradesh  | Chutka        | Chutka-1&2              | 2 X 700       |                       |   |
| Rajasthan   | Mahi Banswara | Mahi Banswara-1&2       | 2 X 700       |                       |   |
|   |               | Mahi Banswara-3&4       | 2 X 700       |                       |   |
| <i>In Kaiga-5&amp;6, Presently rock excavation is underway.</i>           |               |                         |               |                       |   |

<sup>§</sup> KAPP-3 (700 MW) has been connected to the grid on January 10, 2021.

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