

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:259
ANSWERED ON:08.03.2006
SHARE OF HYDRO POWER IN POWER GENERATION
Rawat Shri Ashok Kumar

Will the Minister of POWER be pleased to state:

- (a) whether the Government has estimated the share of hydro-power in the total power generation;
- (b) if so, whether the target fixed regarding the share of hydro-power in the Tenth Plan is being achieved;
- (c) whether more power is being generated through hydro-power projects than through thermal power projects;
- (d) whether the Government is contemplating to increase the share of hydro-power in the total generation of power keeping in view the increasing demand of power during the Tenth Five Year Plan; and
- (e) if so, the details in this regard?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 259 TO BE ANSWERED IN THE LOK SABHA ON 08.03.2005 REGARDING SHARE OF HYDRO-POWER IN POWER GENERATION.

(a) & (b): Yes, Sir. At the start of the Tenth Plan, Government had estimated the capacity of total power and the share of hydro power that would be available by the end of Tenth Five Year Plan. The estimated capacity and the capacity now anticipated to be achieved by the end of the Tenth Five Year Plan is given below:

| At the end of Tenth Plan | Total installed capacity in MW | Total hydro installed capacity in MW | Share of hydro power as % of capacity in total installed capacity |
|--------------------------|--------------------------------|--------------------------------------|---|
|--------------------------|--------------------------------|--------------------------------------|---|

| | | | |
|--------------------|----------|--------|--------|
| Estimated capacity | 1,44,520 | 40,654 | 28.13% |
| Now anticipated | 1,37,434 | 36,435 | 26.51% |

A total capacity addition of 41,110 MW was estimated during the Tenth Plan out of which the share of hydro power capacity addition was 14,393 MW. However, the anticipated hydro capacity addition during Tenth Plan would be 10,174 MW.

(c) : No, Sir.

(d) & (e) : The Government is contemplating to increase the share of hydro power in the total installed power generation capacity during the Tenth Five Year Plan from 25.4% at the end of the Ninth Plan to 26.5% at the end of the Tenth Plan.