

GOVERNMENT OF INDIA

MINISTRY OF POWER

RAJYA SABHA

QUESTION NO 06.12.2010

ANSWERED ON

FALL IN HYDRO POWER GENERATION DURING SUMMER .

2903

Shri Brijlal Khabri

Will the Minister of COALPOWER be pleased to state :-

- (a) whether it is a fact that hydro power generation declines due to water scarcity in rivers during the summer months;
- (b) if so, the details thereof;
- (c) the decline in hydro power generation this year; and
- (d) the steps taken by Government to prevent the shortage of water in rivers during summer and to check the decline in hydro power generation?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI BHARATSINH SOLANKI)

(a) & (b) :The inflows are generally less in the rivers during the summer months. During summer months, hydro power generation is less as compared to monsoon months in case of run-of-the rivers schemes. However, in case of storage schemes the water is stored in the reservoirs during the monsoon period and the regulated discharges from reservoirs are utilized for power generation during the summer months when the inflows are less in the rivers.

(c) :During summer months (April to June) 2010, month-wise hydro electricity generated in the country are as under:

Month	Generation(MU)
April, 2010	8475.30
May, 2010	9488.18
June, 2010	9759.59
Total	27723.07

(d) :The storage based power projects have been constructed /planned to check the decline of power generation during summer months when inflows are less in the rivers. In storage type projects during monsoon, the water is stored in the reservoir which is utilized for power generation during the months when inflow is less in the river. However, the decline/deficit in hydro generation during summer months is made up through additional thermal generation. Further, in case of higher hydro generation in monsoon months, the thermal units are backed down for maintenance purpose.