

**Fuel linkages to power plants**

417. SHRI SANTOSH BAGRODIA:

SHRI KALRAJ MISHRA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the additional power generation targets for the Eleventh Five Year Plan is likely to be missed considering the performance of the first two years;

(b) if so, the reasons therefor;

(c) whether it is also a fact that the slippage is due to difficulty in tying up the long term fuel supply; and

(d) if so, the steps being taken to ensure fuel linkages to the power plants at competitive rates?

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRI BHARATSINH SOLANKI) (a) and (b) The targets of electricity generation from the conventional sources are fixed on year to year basis and not for the entire Five Year Plan. The actual generation during the first two years of the 11th Plan along with the respective target is given below :

		2007-08	2008-09	2009-10 (Apr. to Oct.)
Generation Target	(Billion Unit)	710	774.3	460.2
Actual Generation	(Billion Unit)	704.5	723.8	448.4
	% of Target	99.15	93.47	97.44

While, the generation target during 2007-08 was almost fully met, the shortfall in meeting the targets during 2008-09 and 2009-10 (upto October, 2009) has been mainly due to less inflows into catchment areas of reservoirs and hydro power stations, inadequate availability of gas, coal and nuclear fuel, slippage in capacity addition with reference to the targeted capacity, etc.

The Planning Commission had set a capacity addition target of 78,700 MW comprising of 15,627 MW Hydro, 59,693 MW Thermal and 3,380 MW Nuclear during 11th Plan. A capacity of 18,859 MW has been commissioned during 11th Plan till 15th November, 2009. Year-wise details of capacity addition target and achievement during the 11th Plan are given below :

Year	Target	Revised target	Achievement
2007-08	16,335.2 MW	12,039.2 MW	9,263 MW
2008-09	11,061.2 MW	7,530.0 MW	3,454 MW
2009-10	14,507.0 MW		6,142 MW*

\* Achievements till 15.11.2009

As per the assessment made by CEA for mid-term review of 11th Plan, capacity aggregating to 43,515 MW is likely to be commissioned with high level of certainty during the remaining period of 11th Plan. Thus, a total capacity of 62,374 MW is likely to be commissioned with a high level of certainty as under :

The main reasons for shortfall in capacity addition with reference to the target are

- \* Delay in placement of orders for main plant and equipment and balance of plants.
- \* Delayed and non-sequential supplies of equipments.
- \* Constraints in movement of heavy equipment due to bottlenecks in road transportation.
- \* Inadequate deployment of construction machinery.
- \* Land acquisition problems.
- \* Delay in environment and forest clearance.
- \* Shortage of skilled manpower/ commissioning teams.
- \* Delay in resolution of contractual issues.

(c) and (d) The following projects need immediate allocation of tapering linkages :

- (i) Mejia TPS Extension (2x500 MW).
- (ii) Jallipa Lignite TPS (8x135 MW).
- (iii) Raghunathpur TPS Stage-I (2x600 MW).
- (iv) Ukai TPS Extension Unit - 6 (1x500 MW).

The following projects require Letter of Assurance (LoA) from Ministry of Coal:

- (i) Satpura TPS Extension (2x250 MW).
- (ii) Nortri Chennai TPS Stage-II (1x600 MW).
- (iii) Santaldih TPS Unit - 6 (1x250 MW).
- (iv) Anpara 'Du Unit - 2 (1x500 MW).
- (v) Sagardighi TPS Unit - I & 2 (For additional 100 MW).
- (vi) Mettur TPS Stage-III (For additional 100 MW).

#### **Performance in Power Generation**

418. SHRI MOINUL HASSAN: Will the Minister of POWER be pleased to state:

(a) the target for electricity generation enhancement in the Eleventh Five Year Plan and the track record thereof;

(b) whether Government is aware about various studies that suggest that the manufacturing sector alone loses over Rs.22,000 crore annually due to poor availability and quality of power; and

(c) if so, how could Government achieve eight per cent annual economic growth?

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRI BHARAT SINH SOLANKI ) : (a) The targets for electricity generation in the country are decided on year to year basis and not for the Plan period as a whole. The targets for electricity generation in the country for the first three years of