

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1577
ANSWERED ON:27.11.2009
POWER GENERATION
Gangaram Shri Awale Jaywant

Will the Minister of POWER be pleased to state:

- (a) whether the Government has reviewed the status of power generation in the country including Northern States in view of the shortage of power;
- (b) if so, the details thereof;
- (c) the details of power projects which are not generating power as per their installed capacity; and
- (d) the corrective measures taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI)

(a): During the current financial year 2009-10 (April– October, 2009), the electricity generation in the country (including import of power from Bhutan) at 448.84 Billion Unit (BU) was 97.53% of the target of 460.2 BU with a growth rate of 6.5% as compared to the actual generation of 421.46 BU during April to October, 2008. In the Northern Region, the actual power generation during April to October, 2009 was 131.19 Billion unit against a target of 130.01 Billion Unit, which was 100.9% of the target and 4.62% more than the actual generation during the corresponding period of last year.

The generation of electricity in the country during the current financial year has been affected primarily due to less rainfall in the catchment areas and reservoirs of hydro electric projects and inadequate availability of coal and gas for thermal power projects.

(b): The details of category-wise electricity generation during April-October, 2009 in the country and in Northern Region are given below:

All India (in Billion Unit)

	Generation Target	Actual Generation	% of Target	% of Last Year
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Thermal	367.86	361.81	98.36	109.68
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Nuclear	10.00	10.54	105.38	117.44
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Hydro	82.36	76.49	92.83	92.57
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Total	460.22	448.84	97.53	106.50
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including import from Bhutan

Northern Region	(in Billion Unit)
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	Generation Target	Actual Generation	% of Target	% of Last Year
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Thermal	88.73	91.93	103.61	107.72
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Nuclear	2.92	2.01	68.89	112.83
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Hydro	38.36	37.25	97.08	97.32
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Total	130.01	131.19	100.90	104.62
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(c): Output of the generating units i.e. electricity generation with reference to their installed capacity depends on a number of factors such as vintage of the unit, outage of the unit for repair works due to breakdown and planned maintenance, availability for thermal and nuclear power stations, required quantity & quality of fuel, maintenance procedures followed, availability of discharge from the reservoir/ inflows in the river for hydro projects, etc. A statement indicating the power stations with generation less than 90% of the target during the current year (April to October, 2009) is enclosed at Annex.

(d): The following steps have been taken /are being taken by the Government to improve generation of electricity in the country:

(i) Allocation of over 30 MMSCMD of gas from KG Basin (D6) and additional 12 MMSCMD gas on fallback basis for gas based power stations of Power Utilities and 10 MMSCMD gas to captive power plants on fall-back basis.

(ii) Harnessing surplus power from captive power plants into Grid.

(iii) Rigorous monitoring of capacity addition of the on-going generation projects.

(iv) Monitoring import of coal to bridge the shortfall between requirement of coal and its availability from domestic sources.

(v) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.