

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1733
ANSWERED ON:08.03.2001
POWER GENERATION
NAWAL KISHORE RAI

Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that coal, diesel, Naphtha, water, wind are being used for power generation in the country;
- (b) if so, whether the Government have estimated the cost of power generation from these sources;
- (c) if so, the average cost thereof; and
- (d) the percentage of power estimated to be generated from the said sources?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) : Yes, Sir.

(b) & (c) : The cost of power generation at different power stations in the country varies depending upon factors like the nature of the plant, topography/geology of the site of the plant and the type of fuel used etc. Based on information of 15 States, as received by Central Electricity authority (CEA) for the year 1998-99, the average cost of the power generation from hydro power stations varies from 23.16 p/kwh to 153.97 p/kwh, and for thermal power stations it varies from 121.75 p/kwh to 297.57 p/kwh.

(d) : The Electricity generation target for the year 2000-01 has been fixed at 500700 Million Units. The break-up for different types of fuels is given below:

	Million Units	(%)
Coal	320330	63.98
Multi Fuel	6999	1.40
Lignite	15770	3.15
Gas	56741	11.33
Diesel	3360	0.67
Thermal	403200	80.53
Hydro	83907	16.76
Nuclear	13593	2.71
Total	500700	100.00

According to the Ministry of Non-Conventional Energy Sources (MNES), no energy generation targets for wind energy are fixed. However, capacity addition target of wind energy has been fixed at 200 MW for the year 2000-01 against which actual achievement till December 2000 end was 102 MW.