

**THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN):** (a) and (b) The information is being collected and will be laid on the Table of the House.

**Investment on production of coal and lignite**

**794. SHRI V. B. RAJU:** Will the Minister of ENERGY AND COAL be pleased to state:

(a) the quantity of coal and lignite produced in the years 1975-76 to 1978-79, year-wise;

(b) what has been the new investment on the above production, year-wise, during the same period; and

(c) what has been the accumulated loss of Coal India Limited till 31st March, 1980?

**THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN):** (a) Quantity of coal and lignite produced year-wise during 1975-76 to 1978-79 is as under:

(million tonnes)

Year	Coal produced	Lignite produced
1975-76 . . .	99.68	3.03
1976-77 . . .	101.04	4.02
1977-78 . . .	101.00	3.58
1978-79 . . .	101.94	3.30

(b) The investment on coal and lignite year-wise during the above period is as under:

(Rs. in crores)

Year	Investment in coal	Investment in lignite
1975-76 . . .	188.16	52.12
1976-77 . . .	255.71	23.64
1977-78 . . .	188.49	55.87
1978-79 . . .	234.01	21.04

(c) According to the provisional un-audited accounts of Coal India Ltd. and its subsidiaries, the total loss incurred during the period 1973-74 to 1979-80 is estimated at about Rs. 695 crores.

**Installed capacity of power generating plants**

**795. SHRI V. B. RAJU:**  
**SHRI MULKA GOVINDA REDDY:**

Will the Minister of ENERGY AND COAL be pleased to state:

(a) the total installed generating capacity of power plants in the country (Thermal, Hydel and Nuclear) as on 31st March, 1980 State-wise;

(b) what has been the average percentage of capacity utilisation of the three categories of power generation plants in the year 1979-80;

(c) what has been the percentage of transmission, distribution and pilferage losses during the same period; and

(d) what are the projections of energy needs, Hydro, Thermal and Nuclear, for the years 1980-90 decade?

**THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN):** (a) A statement showing state-wise installed generation capacity is attached.

(b) The Plant load factor of thermal power stations in the country during the year 1979-80 was 44.7 per cent and the Plant load factor of the nuclear power stations was 51.2 per cent.

(c) The percentage of transmission and distribution losses during the year 1978-79 was 19.8 per cent. The transmission and distribution losses in the country during the year 1979-80 have not yet been assessed.

(d) The peak demand and the energy requirement by the year 1989-90 in utilities have been assessed at 52565 MW and 293423 MV respectively.

**Statement**

*Generating installed Plant capacity as on 31-3-1980*

Name of the Region/State	Installed capacity in MW			
	Hydro	Thermal including Diesel & Gas	Nuclear	Total
<b>I. Northern Region</b>				
1. Haryana . . . . .	659.51	428.22	..	1087.73
2. Himachal Pradesh . . . . .	110.32	2.51	..	112.83
3. Jammu & Kashmir . . . . .	176.92	29.26	..	206.18
4. Punjab . . . . .	1082.26	461.86	..	1544.12
5. Rajasthan . . . . .	648.73	171.07	..	819.80
6. Uttar Pradesh . . . . .	1147.54	2192.22	..	3339.76
7. Chandigarh . . . . .	..	2.00	..	2.00
8. Delhi . . . . .	..	275.80	..	275.80
9. Central . . . . .	120.00	520.00	220.00	860.00
TOTAL (N.R.) . . . . .	3945.28	4082.94	220.00	8248.22
<b>II. Western Region</b>				
10. Gujrat . . . . .	300.00	1921.02	..	2221.02
11. Madhya Pradesh . . . . .	193.00	1352.02	..	1545.02
12. Maharashtra . . . . .	1297.30	2255.00	..	3552.30
13. Central . . . . .	..	96.00	420.00	516.00
TOTAL (WR) . . . . .	1790.30	5624.04	420.00	7834.34
<b>III. Southern Region</b>				
14. Andhra Pradesh . . . . .	877.93	1052.50	..	1930.43
15. Karnataka . . . . .	1334.80	..	..	1334.80
16. Kerala . . . . .	1011.50	..	..	1011.50
17. Tamil Nadu . . . . .	1369.00	960.00	..	2329.00
18. Central . . . . .	..	600.00	..	600.00
19. Lakshdeep . . . . .	..	1.38	..	1.38
TOTAL (SR) . . . . .	4593.23	2613.88	..	7207.11

Name of the Region/State	Installed Capacity in MW			
	Hydro	Thermal including Diesel & Gas	Nuclear	Total
<b>IV. Eastern Region-</b>				
20. Bihar . . . . .	85.00	805.27	..	890.27
21. Orissa . . . . .	664.42	258.70	..	923.12
22. West Bengal . . . . .	38.51	1572.03	..	1610.54
23. D.V.C. . . . .	104.00	1317.50	..	1421.50
24. Sikkim . . . . .	14.55	0.49	..	15.04
25. A & N Island . . . . .	..	5.29	..	5.29
<b>TOTAL (ER)</b> . . . . .	<b>906.48</b>	<b>3959.28</b>	<b>..</b>	<b>4865.76</b>
<b>V. North Eastern Region</b>				
26. Assam . . . . .	..	161.78	..	161.78
27. Arunachal Pradesh . . . . .	7.12	3.10	..	103.22
28. Manipur . . . . .	0.60	9.81	..	10.41
29. Meghalaya . . . . .	126.71	4.40	..	131.11
30. Mizoram . . . . .	..	3.02	..	3.02
31. Nagaland . . . . .	1.50	2.18	..	3.68
32. Tripura . . . . .	10.00	4.06	..	14.06
<b>TOTAL (NER)</b> . . . . .	<b>145.93</b>	<b>188.35</b>	<b>..</b>	<b>334.28</b>
<b>TOTAL ALL INDIA</b> . . . . .	<b>11381.22</b>	<b>16468.49</b>	<b>640.00</b>	<b>28489.71</b>

### New power generation programmes

796. SHRI N. P. CHENGALRAYA  
NAIDU:  
SHRI K. L. N. PRASAD:

Will the Minister of ENERGY AND COAL be pleased to state:

(a) whether Government have chalked out a programme of power generation in view of the inordinate

delay in the commissioning of new power units in the States;

(b) if so, what are the details thereof;

(c) whether Government propose to entrust the responsibility of planning erection and commissioning of new units to the National Thermal Power Corporation;