

hydel schemes, for which project reports have been received are under various stages of examination in the Central Electricity Authority/Central Water Commission.

### Hydel and Thermal Capacity installed in States upto December 1981

9853. SHRI B. R. NAHATA ; Will the Minister of ENERGY be pleased to state :

(a) what is the proportion of mix of hydel and thermal power accepted by the Minister of Energy for the country and each State;

(b) whether this proportion in capacity has been achieved in any of the states; and

(c) the thermal and hydel installed capacity of each State by December, 1981?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN)

(a) The Ministry of Energy have

not fixed any specific proportion of mix of hydel and thermal power. At the beginning of the Sixth Five Year Plan the installed capacity mix was 40.02% hydro, 57.73% thermal and 2.25% nuclear. By the end of the Sixth Five Year Plan this mix is anticipated to be 33.57% hydro, 63.66% thermal and 2.77% nuclear.

(b) During 1980-81 and 1981-82 1823 MW and 2175 MW of installed capacity was achieved, comprising :

|         | 1980-81     | 1981-82     |
|---------|-------------|-------------|
| Hydel   | 407         | 380         |
| Thermal | 1196        | 1795        |
| Nuclear | 220         | —           |
|         | <u>1823</u> | <u>2175</u> |

(c) Details of thermal, hydel and nuclear installed capacity of each State as on 31-12-1981 is enclosed (Annexure).

### Statement

#### *Installed Capacity as on 31-12-1981 Regionwise/Statewise*

| Name of the Re-<br>gion/State | Hydro          | Steam          | Diesel       | Gas          | Nuclear       | Total          |
|-------------------------------|----------------|----------------|--------------|--------------|---------------|----------------|
| <i>Northern Region</i>        |                |                |              |              |               |                |
| Haryana                       | 659.51         | 477.50         | 3.92         | —            | —             | 1140.98        |
| Himachal Pradesh              | 126.02         | —              | 2.51         | —            | —             | 128.53         |
| Jammu & Kashmir               | 176.92         | 22.50          | 6.76         | —            | —             | 206.18         |
| Punjab                        | 1082.26        | 440.00         | 14.08        | —            | —             | 1536.34        |
| Rajasthan                     | 648.73         | 153.00         | 8.49         | —            | —             | 810.22         |
| Uttar Pradesh                 | 1219.94        | 2373.10        | 6.12         | 12.50        | —             | 3611.66        |
| Chandigarh                    | —              | —              | 2.00         | —            | —             | 2.00           |
| Delhi                         | —              | 255.80         | 20.00        | —            | —             | 275.80         |
| Central Sector                | 180.00         | 720.00         | —            | —            | 440.00        | 1340.00        |
| <b>Total N. Region</b>        | <b>4093.98</b> | <b>4441.90</b> | <b>63.88</b> | <b>12.50</b> | <b>440.00</b> | <b>9051.66</b> |

*Western Region*

|                  |         |         |      |       |        |         |
|------------------|---------|---------|------|-------|--------|---------|
| Gujrat           | 300.00  | 1840.00 | 2.66 | 54.00 | --     | 2196.66 |
| Madhya Pradesh   | 193.00  | 1437.50 | —    | —     | —      | 1630.50 |
| Maharashtra      | 1317.30 | 2675.00 | —    | —     | —      | 3992.30 |
| Goa, Daman & Diu | —       | —       | —    | —     | —      | —       |
| D & N Haveli     | —       | —       | —    | —     | —      | —       |
| Central Sector   | —       | 96.00   | —    | —     | 420.00 | 516.00  |
| Total W. Region  | 1810.30 | 6048.50 | 2.66 | 54.00 | 420.00 | 8335.46 |

*Eastern Region*

|                 |        |         |       |        |   |         |
|-----------------|--------|---------|-------|--------|---|---------|
| Bihar           | 150.00 | 778.50  | 12.95 | —      | — | 941.45  |
| Orissa          | 664.42 | 258.25  | 0.25  | —      | — | 922.92  |
| West Bengal     | 38.51  | 1561.38 | 26.09 | 100.00 | — | 1725.98 |
| D. V. C.        | 104.00 | 1527.50 | —     | —      | — | 1631.50 |
| A & N Islands   | —      | 1.10    | 5.83  | —      | — | 6.93    |
| Sikkim          | 2.95   | —       | 0.37  | —      | — | 3.32    |
| Central Sector  | 12.00  | —       | —     | —      | — | 12.00   |
| Total E. Region | 971.88 | 4126.73 | 45.49 | 100.00 | — | 5244.10 |

*Southern Region*

|                 |         |         |      |       |   |         |
|-----------------|---------|---------|------|-------|---|---------|
| Andhra Pradesh  | 977.93  | 1242.50 | —    | 20.00 | — | 2240.43 |
| Karnataka       | 1604.80 | —       | —    | —     | — | 1604.80 |
| Kerala          | 1011.50 | —       | —    | —     | — | 1011.50 |
| Tamil Nadu      | 1369.00 | 960.00  | —    | —     | — | 2329.00 |
| Pondicherry     | —       | —       | —    | —     | — | —       |
| Lakshadweep     | —       | —       | 1.58 | —     | — | 1.58    |
| Central Sector  | —       | 600.00  | —    | —     | — | 600.00  |
| Total S. Region | 4963.23 | 2802.50 | 1.58 | 20.00 | — | 7787.31 |

*Northern Eastern Region*

|                   |          |          |        |        |        |          |
|-------------------|----------|----------|--------|--------|--------|----------|
| Assam             | —        | 120.00   | 20.28  | 120.50 | —      | 260.78   |
| Manipur           | 0.60     | —        | 14.40  | —      | —      | 15.00    |
| Meghalaya         | 126.71   | 2.50     | 1.95   | —      | —      | 131.16   |
| Nagaland          | 1.50     | —        | 3.62   | —      | —      | 5.12     |
| Tripura           | 10.00    | —        | 5.98   | —      | —      | 15.98    |
| Arunachal Pradesh | 8.62     | —        | 2.10   | —      | —      | 10.72    |
| Mizoram           | —        | —        | 4.39   | —      | —      | 4.39     |
| Total N.E. Region | 147.43   | 122.50   | 52.72  | 120.50 | —      | 443.15   |
| Total (All India) | 11986.22 | 17542.13 | 166.33 | 307.00 | 860.00 | 30861.68 |

- NOTES :—(1) Installed capacity of jointly owned projects have been shown divided between the partner state as per their theoretical shares.
- (2) The installed capacity does not take into account additions of micro-hydel units as well as diesel sets for the period April-December, 1981.