

**GOVERNMENT OF INDIA  
NON-CONVENTIONAL ENERGY SOURCES  
LOK SABHA**

UNSTARRED QUESTION NO:546  
ANSWERED ON:24.07.2003  
PRODUCTION OF ELECTRICITY FROM WIND AND TIDAL WAVES  
RUDRAGOUDA PATIL

**Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:**

- (a) the total number of units in the country to produce electricity from wind and sea shores, especially in the State of Karnataka; and  
(b) the break-up of total units of electricity from Non-Conventional Sources, State-wise?

**Answer**

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): Wind power projects aggregating to 1870 MW have been installed in the country, including 124 MW in Karnataka, as on 31st March, 2003. A 1 MW floating Ocean Thermal Energy Conversion (OTEC) power plant has been installed near Tuticorin port in Tamil Nadu.

(b): Break-up of estimated electricity generation from non-conventional energy sources, State-wise, during 2002-03, is given in the Annexure.

**ANNEXURE**

Annexure referred to in reply to Part (b) of the Lok Sabha Unstarred Question No. 546 for 24.7.2003 regarding Production of electrification from winds and tidal waves.

**STATE-WISE ESTIMATED ELECTRICITY GENERATED DURING 2002-2003 FROM NON- CONVENTIONAL ENERGY PROJECTS**

Sl. No. State/UT Electricity Generated (in million units)

|    |                    |      |
|----|--------------------|------|
| 1  | Andaman & Nicobar  | 16   |
| 2  | Andhra Pradesh     | 1115 |
| 3  | Arunanchal Pradesh | 97   |
| 4  | Assam              | 6    |
| 5  | Bihar              | 135  |
| 6  | Chhattisgarh       | 67   |
| 7  | Gujarat            | 190  |
| 8  | Haryana            | 169  |
| 9  | Himachal Pradesh   | 274  |
| 10 | Jammu & Kashmir    | 280  |
| 11 | Jharkhand          | 12   |
| 12 | Karnataka          | 962  |
| 13 | Kerala             | 209  |
| 14 | Madhya Pradesh     | 158  |
| 15 | Maharashtra        | 1346 |
| 16 | Manipur            | 14   |
| 17 | Meghalaya          | 92   |
| 18 | Mizoram            | 44   |
| 19 | Nagaland           | 60   |
| 20 | Orissa             | 4    |
| 21 | Punjab             | 378  |
| 22 | Rajasthan          | 93   |
| 23 | Sikkim             | 98   |
| 24 | Tamil Nadu         | 1985 |
| 25 | Tripura            | 48   |
| 26 | Uttar Pradesh      | 255  |
| 27 | Uttaranchal        | 185  |
| 28 | West Bengal        | 268  |

Total 8560