

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

UNSTARRED QUESTION NO:5753
ANSWERED ON:30.08.2001
POWER GENERATION PROJECTS UNDER PUBLIC AND PRIVATE SECTOR
Y.G. MAHAJAN

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

- (a) whether any project is being executed in the public sector and private sector for power generation from the non-conventional energy sources like wind energy, solar energy, biomass energy, solar energy and biomass etc. in the rural areas of the country;
- (b) if so, the details thereof, State-wise;
- (c) if not, the reasons therefor; and
- (d) the steps being taken by the Government to accelerate the pace of rural electrification by executing such projects at a large scale?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE), (SHRI M. KANNAPPAN)

(a) to (c): Yes, Sir. Wind power capacity of 1339.8 MW; biomass power and bagasse co-generation projects 292.3 MW capacity; biomass gasifier projects of 40.2 MW capacity; and, solar photovoltaic power projects of about 1.95 MW capacity, have been created in the rural areas in different States by the State Electricity Boards, State Nodal Agencies and the private sector. State-wise installed capacity of different renewable sources is given in the Annexure.

(d): Ministry of Non-Conventional Energy Sources propose to implement a programme for the electrification of villages in remote and difficult areas which cannot be electrified through conventional grid extension. State Governments have been asked to send lists of such villages. It is proposed to initiate implementation of this programme in about 500 villages during 2001-2002. All the identified remote villages are proposed to be electrified by the end of the 11th Plan, i.e. March 2012, under the proposed programme.

Annexure referred to in reply to the Lok Sabha Unstarred Question No.5753 to be answered on 30.8.2001 regarding Power Generation Projects under Public and Private Sector

State-wise installed capacity of Wind Power, Solar Photovoltaic Power, Biomass Power/ Co-generation and Biomass Gasifiers in rural areas

S.No.	States	Wind Power (kWp) (MW)	SPV Power generation (MW)	Biomass Power/co- generation (MW)	Biomass Gasifier
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1. Andaman & Nicobar 149 0.2

2. Andhra Pradesh 91.9 21 53.7 15.3

3. Arunachal Pradesh 8 0.2

4. Assam 3 0.1

5. Gujarat 166.9 14 0.5 4.3

6. Haryana 24 4.0 0.9

7 Jammu & Kashmir 40 0.1

8. Karnataka 44.6 3 63.6 4.0

9. Kerala 2.0 5 0.6

10. Lakshadweep 285

11. Madhya Pradesh & Chhattisgarh 22.6 122 5.0 4.5

12. Maharashtra 189.8 6 9.0 3.8

13. Orissa 36

14. Punjab 96 12.0 0.7

15. Rajasthan 7.3 26 0.2

16. Tamil Nadu 812.6 191 98.0 2.5

17. Uttar Pr & Uttaranchal 479 46.5 1.1

18. West Bengal 0.5 352 1.0

19. Others 1.6 87 0.7

Total 1339.8 1947 292.3 40.2