

**GOVERNMENT OF INDIA  
NEW AND RENEWABLE ENERGY  
LOK SABHA**

STARRED QUESTION NO:613  
ANSWERED ON:07.05.2010  
RENEWABLE ENERGY FROM LOCAL SOURCES  
Patel Shri R.K. Singh

**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

- (a) whether the Government has drawn any programme to secure energy/power needs of rural areas/ villages from available/local renewable energy resources;
- (b) if so, the details thereof;
- (c) the extent of success achieved in this regard;
- (d) the quantum of power generated through various resources/bagasse based cogeneration projects in the country at present, State/UT and source-wise;
- (e) whether the Government proposes to involve the private sector therein; and
- (f) if so, the details thereof?

**Answer**

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a),(b),(c),(d),(e)&(f): A statement is laid on the Table of the House.

Statement

Statement Referred to in Reply to parts (a), (b), (c), (d), (e) &(f) of Lok Sabha Starred Question No.613 for 7th May, 2010

(a)&(b): The Ministry is implementing a number of renewable energy programmes which aim at meeting various energy needs in rural areas. Of these, Remote Village Electrification Programme focuses on an unelectrified village/hamlet as the planning unit for providing basic electricity/lighting facilities to all the households. Those villages/hamlets where grid connectivity will not be feasible in the near future are covered under the Programme. Locally available renewable energy resources such as small hydro, biomass and solar energy are utilized for this purpose. 90% of the project costs, subject to pre-specified maximum amounts, are provided as Central Financial Assistance under the Programme. The Ministry has also taken up a limited number of test projects on village energy security with the objective of demonstrating viability of meeting all the energy needs of a village through locally available biomass resources.

(c): Under the Remote Village Electrification Programme, financial support has been sanctioned for covering around 10,700 remote villages and hamlets of which around 6700 have been completed successfully. On the other hand, 109 Test Projects on village energy security have been sanctioned of which 18 have been completed.

(d): As on 31-3-2010, a capacity for generation of 16817 MW of electric power had been installed in the country, based on various renewable energy resources, which included 1344 MW from bagasse based cogeneration projects. State-wise/Source wise details are given in the enclosed table.

(e)&(f): Private sector developers have played an important role in creation of renewable energy based power generation capacity in the country. Their participation is facilitated through technology specific incentives and promotional measures, such as tax concessions, capital/interest subsidies, generation based incentives, term loans through IREDA, etc.

Table

Table referred to in Reply to part (d) of Lok Sabha Starred Question No.613 for 7-5-2010

State-wise/ Source-wise details of grid interactive renewable power installed capacity as on 31.03.2010

S.No. STATES/UT SHP Wind Bio-Power Solar Power Total  
Power Biomass Waste (MWp) Capacity

(MW) (MW) Power to Energy (MW)  
(MW) (MW)

1	Andhra Pradesh	186.83	136.10	363.25	35.66	0.10	721.94
2	Arunachal	73.42		0.03	73.45		
3	Assam	27.11		27.11			
4	Bihar	54.60		54.60			
5	Chhatisgarh	19.05	199.90		218.95		
6	Goa	0.05		0.05			
7	Gujarat	12.60	1863.63	0.50		1876.73	
8	Haryana	70.10	7.80		77.90		
9	Himachal Pradesh	330.32			330.32		
10	J& K	129.33		129.33			
11	Jharkhand	4.05		4.05			
12	Karnataka	640.45	1472.80	336.18	1.00	6.00	2456.43
13	Kerala	133.87	27.75		0.03	161.65	
14	Madhya Pradesh	71.16	229.40	1.00	2.70	0.10	304.36
15	Maharashtra	245.33	2077.75	218.50	5.70		2547.28
16	Manipur	5.45		5.45			
17	Meghalaya	31.03		31.03			
18	Mizoram	36.47		36.47			
19	Nagaland	28.67		28.67			
20	Orissa	64.30		64.30			
21	Punjab	132.55	62.50	9.25	1.33		205.63
22	Rajasthan	23.85	1088.30	31.30		0.15	1143.60
23	Sikkim	47.11		47.11			
24	Tamil Nadu	90.05	4906.72	395.70	5.65	0.05	5398.17
25	Tripura	16.01		16.01			
26	Uttar Pradesh	25.10	567.00	5.00	0.38		597.48
27	Uttarakhand	132.92		0.05	132.97		

28 West Bengal	98.40	4.30	16.00	1.15	119.85	
29 A & N	5.25	0.10	5.35			
30 Delhi		0.05				
31 Lakshwadeep		0.75				
32 Pondicherry		0.03				
Total (MW)	2735.42	11806.75	2199.63	64.96	10.28	16817.04