

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

STARRED QUESTION NO:681
ANSWERED ON:08.05.2003
ELECTRIFICATION OF VILLAGES THROUGH NCES
BASUDEB ACHARIA

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

- (a) whether the Government have formulated a renewable energy vision 2012 aiming at electrification of 18000 remote villages, which cannot be electrified through conventional sources;
- (b) if so, whether the Government have identified those villages;
- (c) if so, the details thereof alongwith sources of non-conventional energy identified for electrification of those villages, State-wise; and
- (d) the number of villages electrified so far under this programme and to be electrified in the year 2003-3004, State-wise?

Answer

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

(a) to (d): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO THE LOK SABHA STARRED QUESTION NO. 681 FOR 08.05.2003 REGARDING ELECTRIFICATION OF VILLAGES THROUGH NCES.

(a): The Ministry of Non-Conventional Energy Sources has taken up some important programmes for implementation during the coming decade. One such programme, initiated during 2001-02, is the electrification of the estimated 18000 villages in the remote and difficult areas of the country through renewable energy sources. A target for electrifying 5000 such villages has been fixed for the Tenth Plan period.

(b) & (c): The Government has advised the States to identify remote villages for electrification through Non-Conventional Energy Sources. Several states have submitted partial or complete lists of such villages to the Ministry. The State-wise details of the number of remote villages identified for electrification through Non-Conventional Energy Sources are given in Annexure-I. Solar energy, biomass and small hydro power are the main sources of Non-Conventional Energy which are likely to be used in the electrification of most remote villages. The specific technology to be deployed in a particular village is determined by the locally available renewable energy resource and the projected demand.

(d): Under the Village Electrification Programme of the Ministry, 915 villages have been electrified through renewable energy systems during 2001-2002 & 2002-2003. The state-wise details of these villages and the villages where projects are under implementation are given in Annexure-II. It is proposed to electrify 1000 villages during 2003-2004. There is no State-wise allocation of targets.

ANNEXURE-I

ANNEXURE-I REFERRED TO IN REPLY TO PARTS (B) & (C) OF THE LOK SABHA STARRED QUESTION NO. 681 FOR 08.05.2003 REGARDING ELECTRIFICATION OF VILLAGES THROUGH NCES.

STATES WHICH HAVE SUBMITTED PARTIAL OR COMPLETE LISTS OF REMOTE VILLAGES IDENTIFIED FOR ELECTRIFICATION THROUGH NON-CONVENTIONAL ENERGY SOURCES.

Sl.No. State No. of Villages indicated in the lists

1	Andhra Pradesh	17
2	Arunachal Pradesh	77
3	Assam	2800
4	Bihar	321
5	Chattisgarh	1250
6	J & K	96
7	Jharkhand	70
8	Madhya Pradesh	1226
9	Maharashtra	307
10	Manipur	137
11	Meghalaya	2332

12 Mizoram	25
13 Nagaland	13
14 Orissa	200
15 Rajasthan	565
16 Sikkim	32
17 Tripura	585
18 Uttar Pradesh	100
19 Uttarakhand	1127
20 West Bengal	1450

ANNEXURE-II

ANNEXURE-II REFERRED TO IN REPLY TO PARTS (D) OF THE LOK SABHA STARRED QUESTION NO. 681 FOR 08.05.2003 REGARDING ELECTRIFICATION OF VILLAGES THROUGH NCES.

STATE-WISE DETAILS OF THE REMOTE VILLAGES ELECTRIFIED AND BEING ELECTRIFIED THROUGH NCES UNDER THE VILLAGE ELECTRIFICATION PROGRAMME OF THE MINISTRY DURING 2001-2002 & 2002-2003.

(Based on information received from States upto 03/05/2003)

Sl.No.	State	No. of Villages Electrified	No. of Villages being Electrified
--------	-------	--------------------------------	--------------------------------------

1 Andhra Pradesh	17	
2 Arunachal Pradesh	10	67
3 Assam	36	3
4 Chattisgarh	120	200
5 Gujarat	1	
6 J & K	57	
7 Jharkhand	20	
8 Madhya Pradesh		55
9 Manipur	137	
10 Meghalaya	25	
11 Mizoram	7	14
12 Nagaland	13	
13 Tripura	11	18
14 Uttarakhand	80	209
15 Uttar Pradesh	14	
16 West Bengal	594	321

TOTAL	915	1114
-------	-----	------