

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

STARRED QUESTION NO:245
ANSWERED ON:18.12.2003
USE OF SOLAR ENERGY TO SAVE FORESTS
SULTAN SALAHUDDIN OWASI

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

- (a) whether the main aim to encourage use of non-conventional sources of energy was to save the forest cover of the country in the rural areas;
- (b) if so, whether the solar system of energy has been able to save forestation;
- (c) if so, the total allocation made by the Government under solar photovoltaic (SPV) and Solar Thermal Energy (STE) programme to Himachal Pradesh and North -Eastern States during the last three years;
- (d) the total energy generated under these programmes in these States;
- (e) whether the Government propose to allocate more funds to encourage the people to adopt solar energy in the States, where the forest cover is fairly large; and
- (f) if so, the details thereof?

Answer

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

(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.245 for answer on 18.12.2003 regarding Use of Solar Energy to save forests.

(a)&(b): The Government is encouraging use of non-conventional energy sources such as solar, biomass, small hydro and wind with a view to meeting the energy needs of the people. These non-conventional energy sources provide several attendant benefits, including more efficient use of agro and forestry wastes/ residues which in turn would help in conserving the forest cover in the country.

(c) & (d) : The details of total funds provided and total energy generated under the solar energy programmes in Himachal Pradesh and the North Eastern States, including Sikkim during the last three years, i.e, 2000-01 to 2002-03 are given in Annexure-I and Annexure-II respectively.

(e) & (f) : Central financial assistance is provided upto 90% of the cost of installation of non-conventional, including solar energy systems / devices in all special category States, viz., North-Eastern States, including Sikkim, Himachal Pradesh, Uttaranchal and Jammu & Kashmir.

Annexure-I

Annexure-I referred to in reply to parts (c) and (d) of Lok Sabha Starred Question No.245 for 18-12-2003 regarding Use of Solar Energy to save forests.

Funds released to Himachal Pradesh and North Eastern States during last three years, i.e., 2000-01 to 2002-03 under the Solar Energy Programmes

(Rs. in crores)

Sl. No. STATES/UT Total Funds released during 2000-01 to 2002-03

1 Himachal Pradesh 3.87
2 Arunachal Pradesh 1.73

3 Assam	1.45
4 Manipur	7.85
5 Meghalaya	4.08
6 Mizoram	2.42
7 Nagaland	0.09
8 Sikkim	0.60
9 Tripura	7.15
Total	29.24

Annexure-II

Annexure-II referred to in reply to parts (c) and (d) of Lok Sabha Starred Question No.245 for 18-12-2003 regarding Use of Solar Energy to save forests.

Total energy generated in Himachal Pradesh and North Eastern States during last three years i.e., 2000-01 to 2002-03 under solar energy programmes

Sl. No. STATES/UT	Total Energy Generated(million kWh)
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1 Himachal Pradesh	1.50
2 Arunachal Pradesh	0.22
3 Assam	0.25
4 Manipur	0.17
5 Meghalaya	0.23
6 Mizoram	0.26
7 Nagaland	0.06
8 Sikkim	0.05
9 Tripura	0.57
Total	3.31

KWh = Kilowatt hour