

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

STARRED QUESTION NO:275
ANSWERED ON:21.03.2002
NATIONAL POLICY ON RENEWABLE ENERGY
SAHIB SINGH VERMA

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

- (a) the details of National Policy on Renewable Energy;
- (b) the energy expected to be generated from Non-Conventional Sources in the Tenth Five Year Plan;
- (c) whether this energy will be cheaper or costlier than Conventional Energy; and
- (d) the break up of `Non-Conventional Energy` in terms of Wind power, Bio mass, Gasification and Small Hydro Power Units (below 25 MW)?

Answer

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

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

STATEMENT REFERRED TO IN THE REPLY TO THE LOK SABHA STARRED QUESTION NO.275 FOR THURSDAY, THE MARCH 2002 ON NATIONAL POLICY ON RENEWABLE ENERGY

(a): The objectives of the Draft Renewable Energy Policy Statement are to enhance the contribution of renewables, viz., solar, wind, biomass and small hydro for meeting minimum rural energy needs, providing decentralized/ off-grid supply for agriculture, industry, commercial and household sectors in rural and urban areas; and, grid quality power generation and supply. Among the goals envisaged in the Draft Policy Statement for 2012 is to increase the share of non-conventional energy in the additional installed capacity to 10%, or 10,000 MW, in the next 10 years.

(b),(c)&(d): Yes, Sir. The Working Group on Non-Conventional Energy Sources for the 10th Five Year Plan has proposed generation of 4227 MW of power from non-conventional energy sources during the 10th Plan period. The break-up of the proposed capacity is given in the Annexure.

Capital costs of non-conventional energy systems are slightly higher at this stage. However, costs of generation on a life cycle basis compare favourably with conventional energy, as there is no recurring fuel cost.

Annexure referred to in Statement in reply to Parts (b),(c)& (d) of the Lok Sabha Starred Question No.275 for 21.3.2002 regarding National Policy on Renewable Energy

Break-up of Power from Non-conventional Energy Sources during 10th Plan is given below:

Wind Power	-	2000 MW
Small Hydro Power	-	800 MW
Biomass/Cogeneration	-	1000 MW
Biomass Gasifier	-	122 MW
Waste to Energy	-	150 MW
Solar Power	-	155 MW

Total: - 4227 MW