

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

UNSTARRED QUESTION NO:1823
ANSWERED ON:03.08.2000
BOOSTING OF SOLAR ENERGY
RAMSHETH THAKUR

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

- (a) whether the Government have taken any steps to boost in Solar Energy sector during the last three years;
- (b) if so, the subsidy provided by the Government to boost the non-conventional energy sector to various institutes during the last three years indicating especially the names of such institutions in Maharashtra;
- (c) whether the institutions of Solar Energy and others have asked for subsidy for this sector;
- (d) if so, the details in this regard; and
- (e) the reaction of the Government thereon?

Answer

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

(a): Solar energy can be used through two principal routes - the thermal route for heating, cooling, drying, water purification, power generation etc. and the photovoltaic route for converting the light to electricity which can be used for a variety of purposes such as lighting, pumping, communication, and refrigeration. To promote utilization of solar energy in the country the government has taken several initiatives during the last three years apart from the existing fiscal and financial incentives. These include the following:

- (i) Expansion of the soft loan scheme for solar water heaters through more banks.
- (ii) BIS certification for solar water heating collectors to ensure deployment of quality products in the field.
- (iii) Drafting a model building bye-law for making solar assisted water heating systems mandatory in certain categories of buildings and circulating the same to all state governments for implementation.
- (iv) A Self Employed Workers` Scheme for promoting solar cookers.
- (v) A demonstration scheme on cost sharing basis for newer technologies like concentrating solar cooking systems.
- (vi) Designating certain regions in the country as high focus areas (HFAs) for implementation of the Solar Photovoltaic Programme etc.

(b), (c), (d) & (e): The Ministry of Non-Conventional Energy Sources is implementing several programmes to support the use of different renewable energy sources in the country and to promote awareness about them. Subsidy is provided under some of the programmes. Grants are also provided to educational and other institutions for establishment of Energy Parks where different renewable energy systems are displayed or demonstrated. The programmes of the Ministry are implemented mainly through State Renewable Energy Agencies.

Educational and other institutions are eligible for support under some of the programmes of the Ministry. Requests for subsidy and grants from institutions in Maharashtra are routed through the state nodal agency, namely, Maharashtra Energy Development Agency (MEDA). Financial assistance as applicable under different programmes is made available to these institutions after scrutiny of the proposals and under the terms and conditions of the respective programmes. The list of institutions in Maharashtra which, according to MEDA, have received subsidy or grants for installation of solar, wind and some other renewable energy systems is given in the Annexure.

The financial assistance provided by the Ministry of Non-Conventional Energy Sources to various implementing agencies during the last three years is Rs.465.06 crores, out of which an amount of Rs.31.13 crores has been disbursed to organizations in Maharashtra.

Annexure

Annexure referred to in reply to Parts (b), (c), (d) & (e) of Rajya Sabha Unstarred Question No. 1823 for 3.8.2000 regarding Boosting of Solar Energy.

The Institutions in Maharashtra which have received subsidy in the non-conventional energy Sector

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Sr.No Institute Programme

01. Sinhagad College of Engineering, Pune. Solar/Wind Hybrid system
02. Tatyasaheb Kore Tech. Institute, Warnanagar
,Dist. Kolhapur. Wind Aerogenerator
03. Shivaji Univeristy, Kolhapur Wind Aerogenerator
04. M.I.T. College, Pune Solar/Wind Hybrid system
05. Dr. Pamashri Vitthalrao Vikhe Patil College
of Solar/Wind Hybrid system
Engineering, Ahmednagar.
06. Vishveshvariya Regional College of Engg.,Nagpur Energy Park - all systems
- Error! Bookmark not defined.07. Jnana Prabodhini Medical
Trust, Sanjeevan Hospital,Pune. Energy Park - all systems
08. University of Pune, School of Energy Studies,
Pune. Energy Park - all systems
09. Gandhi National Memorial Society,
Agakhan Palace, Nagar Road, Pune. Energy Park - all systems
10. Jana Prabodhini, Shiv Pradesh, Pune Energy Park - all systems
11. Maharashtra Institute of Technology, Pune. Energy Park - all systems
12. Dr. Punjabrao Krishi Vidyapeeth, Akola Energy Park - all systems
13. College of Engineering, Ambejogai Energy Park - all systems
14. North Maharashtra University, Jalgaon Energy Park - all systems
15. Jawahar Navodaya Vidyalaya, Sindhudurg. Energy Park - all systems
16. Amravati University Amravati Energy Park - all systems.