

**GOVERNMENT OF INDIA
RURAL DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:3127

ANSWERED ON:29.11.2010

RENEWABLE ENERGY DRINKING WATER SUPPLY SYSTEM

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Will the Minister of RURAL DEVELOPMENT be pleased to state:

- (a) whether access to safe drinking water in many parts of the country could be significantly improved with secure supply of electricity;
- (b) if so, whether drinking water supply systems based on renewable energy sources have been developed by a number of public and private sector agencies;
- (c) if so, the details thereof, State-wise;
- (d) whether in view of above the Government plans to deploy renewable energy drinking water supply systems on large scale in rural areas and to assist manufacturers cost;
- (e) if so, the details thereof; and
- (f) the allocation made for such deployment during the Eleventh Five Year Plan in rural areas and the progress made so far, State-wise?

Answer

MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT (MS. AGATHA SANGMA)

(a)to(f): Secure supply of electricity is one of the essential components in ensuring supply of adequate potable drinking water. A number of public and private sector companies have developed and deployed solar photo-voltaic (SPV) water pumping system in the country. 7495 SPV water pumping systems have been installed upto 30.09.2010 in different States in the country. The Ministry of New and Renewable Energy is providing 30% subsidy subject to a maximum of Re.90/Wp and loan at 5% for installation of SPV water pumping system having a maximum PV capacity of 5KWP to individual and for community drinking water supply under the Jawaharlal Nehru National Solar Mission.

Solar desalination systems have been developed by a number of manufacturers in the country. The systems are being used for providing drinking water and distilled water for batteries. This system is one of the components being provided to the consumers with a financial assistance of 30% subsidy under the Jawaharlal Nehru National Solar Mission.

No financial allocation has been made for 11th Plan for PV pumping systems. No separate targets are fixed or allocation made for deployment of the above mentioned SPV water pumping systems and Solar Desalination Systems.