

**GOVERNMENT OF INDIA  
NEW AND RENEWABLE ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:2048  
ANSWERED ON:08.03.2013  
SOLAR POWER FOR WATER PUMPING  
Dubey Shri Nishikant ;Jawale Shri Haribhau Madhav

**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

- (a) whether there is a scope of using solar power for water pumping by farmers in the country;
- (b) if so, the details thereof along with the number of solar water pumps installed in the villages in the country so far, State/UT-wise including Jharkhand;
- (c) the details of fund allocated by the Government for this project; and
- (d) the details of the number of villages where the Government proposes to install solar water pumps during next five years, State/UT-wise?

**Answer**

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a):Yes, Madam.

(b):Solar photovoltaic (PV) water pumping systems having photovoltaic capacity in the range of 200 Wp to 5,000 Wp are covered under the Off-grid and Decentralized Solar Applications Scheme of Jawaharlal Nehru National Solar Mission. These pumps can lift water from depths upto 50 meters depending upon the capacity of PV modules and type of pump. 8826 solar PV water pumping system have been installed in the country. No solar water pumping system has been installed in Jharkhand so far under the Scheme.

(c):The Ministry has not allocated any funds separately for solar water pumping systems projects. However, the Ministry has so far released an amount of Rs. 10.00 crores for installation of solar PV water pumping systems in Rajasthan during the current financial year under the Scheme.

(d):The Ministry has not prepared any State/UT-wise plan for installation of SPV water pumping system during the next five years. Under the Off-grid and Decentralized Solar Application Scheme under Jawaharlal Nehru National Mission, Ministry will provide subsidy on receiving of project proposals from the State Nodal Agencies and other channel partners for installation of solar water pumping systems.