

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

UNSTARRED QUESTION NO:1235

ANSWERED ON:30.11.2012

JAWAHARLAL NEHRU SOLAR MISSION

Danve Shri Raosaheb Patil;Maadam Shri Vikrambhai Arjanbhai;Panda Shri Baijayant;Sayeed Muhammed Hamdulla A. B. ;Singh Shri Mahabali;Singh Shri Ravneet;Singh Shri Sushil Kumar;Siricilla Shri Rajaiah

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

- (a) the details of ongoing projects for promoting grid/off-grid systems to serve populations without access to commercial energy under Jawaharlal Nehru Solar Mission (JNSM) in the country including Bihar, State-wise;
- (b) the State-wise details of funds allocated and utilized for this purpose for current year;
- (c) the target achieved under the Mission during Eleventh Five Year Plan vis-a-vis target fixed for Twelfth Plan period;
- (d) the details of existing solar power plants in Lakshadweep Islands along with the plans to modernize solar power plant at various Islands in Lakshadweep; and
- (e) the details of capacity proposed to be established in phase-II to Jawaharlal Nehru National Solar Mission in the country?

Answer

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

(a): Under the rooftop photovoltaic and small solar power generation programme, which was a onetime 100 MW scheme for grid-connected SPV power projects, the Ministry is providing generation based incentives.

Under the Off-grid Solar Applications Scheme of Jawaharlal Nehru National Solar Mission, the Ministry is providing a subsidy of 30% of the project cost limited to Rs.60-66/- per watt peak for installation of SPV power plants upto a maximum capacity of 100 kWp with battery storage system in all the General Category States including Bihar. In the Special Category States, the subsidy is limited to 90% of the benchmark cost subject to a maximum of Rs.180-198/- per watt peak for the power plants through State Renewable Energy Development Agency by Central and State Government Ministries, Departments and their organisations, State Nodal Agencies and Local Bodies.

(b): The Ministry does not make State-wise allocation of funds for the Off-grid SPV systems and power plants. State-wise release of funds for various SPV systems and SPV power plants during the current financial year up to 31st October, 2012 is given in the Annexure.

(c): Against a target of 100 MW equivalent of off-grid solar PV applications for the years 2010-11 and 2011-12 in first phase of JNNSM, the Ministry sanctioned solar photovoltaic projects aggregating to 118.07 MW in the country. During this period projects aggregating to 30.99 MWp capacity were commissioned. A target of 900 MWp equivalent of off-grid solar applications has been proposed during the 12th Five Year Plan.

(d): 11 SPV power plants of total capacity 2150 kWp have already been installed on 11 different islands in Lakshadweep as on 25th November, 2012. Renovation of the SPV power plants has been taken up at Bitra (50 kWp), Kadmat (100 kWp), Kalpeni (100 kWp) and Kiltan (100 kWp).

(e): It is proposed to establish an additional grid solar power capacity of 9000 MW and off-grid solar applications of 800 MWp in the country during the Phase II of JNNSM, from 1st April, 2013 to March 2017. This will depend upon the financial and fiscal incentives provided by the Central and State Governments.

Annexure

Annexure referred in reply to Part (b) of the Lok Sabha Unstarred Question No.1235 for 30th November 2012.

State-wise release of funds under Off-grid Solar Applications Programme for SPV systems during 2012-13 up to 31st October 2012.

Sl.No. State/UT Funds Released during 2012-13 Rupees in Lakhs

- 1 Andhra Pradesh 65.58
- 2 Arunachal Pradesh 463.00
- 3 Assam 71.00
- 4 Bihar 48.32
- 5 Chhattisgarh 2692.02
- 6 Himachal Pradesh 191.40
- 7 Jammu & Kashmir 2878.12
- 8 Jharkhand 242.17
- 9 Karnataka 95.71
- 10 Kerala 354.68
- 11 Madhya Pradesh 212.97
- 12 Maharashtra 27.57
- 13 Manipur 1391.60
- 14 Mizoram 173.05

15 Nagaland 523.81

16 Orissa 25.00

17 Punjab 7.15

18 Rajasthan 2756.56

19 Sikkim 192.93

20 Tamil Nadu 160.36

21 Uttar Pradesh 760.87

22 West Bengal 12.76

23 Public Sector 2464.45
Undertakings and
Others Channel
Partners

Total 15811.09