GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:982
ANSWERED ON:29.11.2012
VILLAGE MINI GRIDS
Pakkirappa Shri S.

Will the Minister of POWER be pleased to state:

(a) whether village mini-grids are important component of universal access to electricity in the country;

(b) if so, the details of the Government`s plan to promote establishment of village mini-grids in various part of the country and the number of village mini- grids established so far, State-wise; and

(c) the expenditure incurred on establishment of village mini-grids and percentage of amount spent on Transmission and Distribution by the Union Government including public sector entities during the last three years and the current financial year, year-wise?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

(a) : Yes, Madam. Village mini-grids are important component of universal access to electricity in the country particularly for those villages where grid connectivity is either not feasible or not cost effective.

(b) : Under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) a scheme launched by Government of India for providing access to electricity to all households, a provision of Rs 540 Crore has been earmarked as subsidy requirement for electrification of villages where grid connectivity is either not feasible or not cost effective by Decentralized Distributed Generation (DDG) during 11th Plan period. DDG may be from conventional or renewable sources such as Biomass, Biofuels, Biogas, Mini hydro, geo thermal, Solar etc. The funding is on the pattern of 90% subsidy from Government of India and 10% loan from Rural Electrification Corporation (REC) or from own funds of the state/loan from financial institutions. Implementing Agencies of the projects are either the State Renewable Energy Development Agencies (SREDAs) / Departments promoting renewable energy o r State Utilities o r the identified Central Power Sector Undertakings (CPSUs). REC is the Nodal Agency for DDG scheme. So far 276 projects have been sanctioned under DDG schemes as under:-

Sl No	State	No of DDG projects sanctioned	No of Districts covered	No of villages/Hamlets covered	Project cost (Rs in Cr)
1	Uttarakhand	2	2	10	4.84
2	West Bengal	1	1	04	5.95
3	Chhattisgarh	19	2	50	10.53
4	Andhra Pradesh	96	3	135	26.55
5	Uttar Pradesh	62	5	103	64.10
6	Madhya Pradesh	48	4	170	28.83
7	Bihar	48	2	175	37.85
	Total	276	19	647	178.65

1 project sanctioned in September 2012.
Out of total 9 DDG projects sanctioned in West Bengal, sanction of 8 DDG projects was cancelled in November 2012 on the request of Government of West Bengal.

Under DDG Scheme, works in 14 DDG projects have been completed in Visakhapatnam District of Andhra Pradesh.

Ministry of New and Renewable Energy (MNRE), under the Off-Grid Solar Applications Scheme of Jawaharlal Nehru National Solar Mission, is providing a subsidy of 30% of the project cost limited to Rs.150/- per watt peak for establishment of mini/micro grid based standalone rural Solar Photovoltaic (SPV) power plants with battery storage and local distribution network. The Scheme is open to all the States and Union Territories. So far, 40 SPV power plants with micro/mini- grid systems aggregating to 826.58 kWp capacity have been installed in the following States:

S. No.	States	No. of villages	Total Capacity in kWp
1.	Jammu & Kashmir	14	454.16
2.	Jharkhand	12	180.18
3.	Madhya Pradesh	8	90.18

4. Uttar Pradesh	6	102.06
Total	40	826.58

(c) : So far, an amount of Rs 4.98 Crore has been disbursed to Andhra Pradesh under DDG scheme.

MNRE has released an amount of Rs.16.74 crore for the establishment of micro/ mini-grid based SPV power plant of 826.58 kWp capacity in 40 village in four States. In addition, during 2011-12, the MNRE released an amount of Rs.45 lakhs for establishment of standalone SPV micro- grid power plants of total capacity 533 kWp in the States of Uttar Pradesh and West Bengal. Of this, UPNEDA has refunded an amount of Rs.15 lakhs for 25 kWp capacity stand alone micro grid based SPV power plants in Uttar Pradesh.