

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO-680**  
TO BE ANSWERED ON-13.12.2018  
**PICO-LEVEL ELECTRICITY**

680. SHRI A.P. JITHENDER REDDY

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

- (a) the steps taken by the Government to promote pico-level electricity generation projects from renewable sources of energy in rural areas;
- (b) whether the Government provide, or intend to provide, subsidies or interest- free credit to households for generation of electricity from renewable sources, if so, the details thereof; and
- (c) the details of micro and small level projects initiated in both, urban and rural areas, of electricity generation from organic waste through the use of biogas?

**ANSWER**

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)  
(SHRI R.K. SINGH)

(a) Under hydro power programme of the Ministry, subsidy up to Rs. 1.5 Lakh per watermill/pico-level hydro project with electrical output was available to individual beneficiaries in remote areas up till 31.3.2017. The scheme was not continued after 31.3.2017.

Under the Off-grid and Decentralised Solar PV Applications Programme Ministry provides financial support for promotion of the use of solar energy including in the rural areas of the country.

At present, the Phase-III of the Programme, for which approval was issued on 7 August 2018 covers installation of (i) 3,00,000 solar street lights; (ii) solar power plants of individual size up to 25 kWp and total aggregated capacity of 100 MWp for providing electricity to schools, hostels, panchayats, police stations and other public service institutions; and (iii) distribution of 25,00,000 solar study lamps to school going children in North Eastern States and LWE affected districts.

In addition, Scheme for distribution of 70 lakh solar study lamp is also being implemented in five States namely Assam, Bihar, Jharkhand, Odisha and Uttar Pradesh, wherein school going children are being provided with solar study lamp.

(b) The Ministry of New & Renewable Energy is implementing Grid Connected Rooftop and Small Solar Power Plants Programme, wherein, Central Financial Assistance (CFA) is being provided for installation of rooftop solar PV plants in residential sector. The CFA is upto 30% of the cost arrived through tender process or the benchmark cost prescribed by MNRE, whichever is less, in case of general category states/UTs and upto 70% in case of special category states/UTs. The CFA can be availed through State Nodal Agencies of the States.

(c) During last three years 96 numbers of organic waste based biogas power projects have been installed in the country including in urban and rural areas. These plants are based on biomass wastes such as cattle dung, animal wastes, food & kitchen waste, poultry dropping waste, paddy straw etc. State-wise break-up of these biogas power plants is placed at

**Annexure.**

Annexure referred in reply to part (c) of Lok Sabha unstarred parliament question No. 680 for 13/12/2018

**State-wise Break-up of Biogas Power Plants**

Sr. No.	Name of the State	Number of Projects Installed in the year			
		2015-16	2016-17	2017-18	Total
1.	Maharashtra	0	0	7	7
2.	Uttar Pradesh	0	25	1	26
3.	Uttarakhand	3	0	0	3
4.	Punjab	5	4	5	14
5.	Haryana	0	0	0	0
6.	Tamil Nadu	8	5	0	13
7.	Madhya Pradesh	0	4	0	4
8.	Delhi	0	0	0	0
9.	Karnataka	0	0	7	7
10.	Andhra Pradesh	1	6	0	7
11.	Telangana	6	9	0	15
	<b>TOTAL</b>	<b>23</b>	<b>53</b>	<b>20</b>	<b>96</b>