

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 755
TO BE ANSWERED ON 20.07.2017

PROMOTION OF N&R ENERGY RESOURCES

755. SHRI HARISH CHANDRA ALIAS HARISH DWIVEDI:

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

- (a) whether the Government proposes to promote new and renewable energy resources in view of the requirement of energy in small cities and if so, the details thereof;
- (b) whether the Government is promoting research and development works to explore new means of energy resources and if so, the types of renewable energy resources suitable for the small cities as per the Government; and
- (c) whether the Government is providing any kind of concessions or financial assistance to promote the use of such energy resources and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES
(INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): Yes Madam. To promote the new and renewable energy, the Government has up-scaled the target of renewable energy capacity to 175 GW by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro-power.

(b): The Government provides Research and Development (R&D) support to various R&D/academic institutions, NGOs, industries, etc. in the field of solar, wind, biogas, biofuel, Hydrogen, Fuel Cells, etc. for technology development and demonstration leading to commercialization. A comprehensive policy and guidelines for research, development and demonstration (RD&D) for new and renewable energy sector is in place for overall development of renewable energy sources in the country including small cities. It has a provision for financial assistance of up to 50% of the project cost for the R&D projects that involve partnership with industry / civil society.

(c): The Government is providing both technical and financial assistance to promote use of such energy sources. The detail of financial assistance being provided under Off-grid decentralized programme is given in **Annexure**.

Annexure

**REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 755 Part (c) FOR
ANSWER ON 20.07.2017**

**State-wise details of Financial assistance being provided under OFF-GRID /
DECENTRALIZED RENEWABLE ENERGY PROGRAMMES.**

S.No	Programme	CFA/Subsidy to consumers (limited to following ceiling or 40% of the cost of the system, whichever is less)
1.	Family Type Biogas Plants	
	NE Region States including Sikkim (except plain areas of Assam)	Rs.15,000 to Rs.17,000 per plant
	Plain areas of Assam	Rs.10,000 to Rs.11,000 per plant
	J&K, Himachal Pradesh, Uttarakhand (excluding Terai region), Nilgiris of Tamil Nadu, Sadar, Kurseong and Kalimpong subdivisions of Darjeeling, Sunderbans, Andaman & Nicobar Islands and SC & ST (not included in above areas)	Rs.7,000 to Rs.11,000 per plant
	All Others	Rs.5,500 to Rs.9,000 per plant
2.	Solar Photovoltaic Systems including Solar Pumps	CFA/subsidy to consumers: - Subsidy of 30% of project cost. - For solar light through NABARD, Regional Rural Banks (RRB) and other commercial bank 40% subsidy is available.
3.	Concentrating Solar Thermal Technology	30% of the project cost.
4.	Small Aero-Generators and Hybrid Systems	CFA/Subsidy: Rs.1.00 lakh per kW to consumers
5.	Micro-hydel plants/ Water mills	Subsidy/CFA to producers: - Rs. 1.25 lakh/kW for Micro-hydel upto 100 kW. - Rs.0.50 lakh per watermill for mechanical application - Rs.1.50 lakh per watermill for electrical application
6.	Biomass Gasifier	CFA/Subsidy to consumers: - Rs. 15,000 /kW (with 100% producer gas engine) - Rs. 2,500/kW for dual fuel engine - Rs. 2.0 lakh per 300 kW for Thermal Applications

		- 20% higher CFA for special category states
--	--	--