

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 5508
TO BE ANSWERED ON 06.04.2017

HARNESSING OF SOLAR AND WIND ENERGY SOURCES

5508. SHRI P. KUMAR:

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

- (a) whether the Government has taken any steps/proposes to take steps to encourage people in rural areas of the country to harness solar and wind energy sources at a small scale to meet their energy requirements;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Government provides/proposes to provide financial support to the State Governments to develop alternate energy sources like bio-gas generation from farm and other organic waste in the rural areas; and
- (d) if so, the details thereof?

ANSWER

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

(a) & (b): The Ministry of New and Renewable Energy (MNRE) is promoting Off-Grid/ Distributed and Decentralized Renewable Power programme to encourage the people of the country including rural areas to harness solar and wind energy sources at a small scale to meet their energy requirements. The details of the schemes / programmes being implemented by MNRE are given in **Annexure**.

(c) & (d): Yes madam. MNRE provides financial support for setting up of Biogas power plants in the country including rural areas under Off-Grid/ Distributed and Decentralized Renewable Power programme based on animal / food/ agricultural waste from farms, gaushalas etc. in the range of 3KWp to 250 KWp.

REFERRED TO IN REPLY TO PARTS (a) & (b) OF LOK SABHA UNSTARRED QUESTION NO.
5508 FOR ANSWER ON 6-4-2017

Details of Off-Grid/ Distributed and Decentralized Renewable Power:

- **Solar Power** (To promote the solar devices such as Solar Lighting Systems, Solar Pumps, Solar Power Packs and Concentrated Solar Technology systems).
- **Small Wind and Hybrid Systems:**
- **Water Mills and Water Hydrants**
- **Energy Storage** for Energy Security and energy access in remote areas.
- **Biomass (non-bagasse) cogeneration/ U&I Waste to Energy**
- **Remote Village Electrification Programme** : provision of lighting/ electricity in the un-electrified remote villages/ hamlets
- **Biomass Gasifier for Rural Energy / Industrial Energy.**
- **Biogas Programme:** setting up of Family Type biogas plants for cooking/ lighting/ manure/ small scale power generation
- **Solar Thermal Systems:** deployment of decentralized solar thermal systems/ devices (mainly solar cookers / driers for cooking, drying farm produce) under National Solar Mission.
- **Green Buildings** - incorporating active renewable energy systems and passive designs
- **Solar Cities** – Planning for reducing their conventional energy consumption through energy conservation and use of renewable energy devices/ systems