

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 914
TO BE ANSWERED ON 28.04.2016

GENERATION OF SOLAR/ WIND ENERGY

914. SHRI ARJUN MEGHWAL:

Will the Minister of New and Renewable Energy be pleased to state:

- (a) whether any technology has been developed which can generate solar energy in day and wind energy at night;
- (b) if so, the details thereof;
- (c) whether the Government proposes to utilize the said technology at those places in the country where solar energy and wind energy can be generated simultaneously; and
- (d) if so, the names and details of the said places?

ANSWER

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

(a),(b),(c)&(d): Solar and wind energy are natural resources and their availability varies with time. Technologies have been developed to generate power from these resources as and when they are available.

Ministry is promoting a scheme for programme on “Small Wind Energy and Hybrid systems (SWES)”, wherein both the solar energy and wind energy are effectively utilized for power generation by installing a hybrid system consisting of both Solar Photovoltaics and aero-generator/ small wind turbine technologies.

The programme is being implemented throughout the country depending on the wind and solar power potential of the locations.

As of 31.03.2016, an aggregate capacity of 2690.80 kW of the aero-generators/ hybrid systems had been installed in following States/UTs:

State	Total cumulative capacity kW
Andhra Pradesh	16
Arunachal Pradesh	6.8
Assam	6
Goa	193.8
Gujarat	20
Haryana	10
Jammu & Kashmir	46.4
Karnataka	39.2
Kerala	8
Madhya Pradesh	24
Maharashtra	1613.6
Manipur	140
Meghalaya	191.5

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Nagaland	20
Odisha	13.1
Pondicherry	5
Punjab	50
Rajasthan	14
Sikkim	15.5
Tamil Nadu	157.9
Tripura	2
West Bengal	74
Uttarakhand	24
Total	2690.8