

- (III) Based on the requests received from Uttar Pradesh, 100 MW capacity grid-connected solar PV power plants have been allotted to Uttar Pradesh under the MNRE's State-specific Bundling Scheme under Tranche-I of Batch-II of Phase-II of National Solar Mission.
- (IV) 450 MW solar power plant for Maharashtra and of 325 MW for U.P. have been approved under 2000 MW Viability Gap Funding (VGF) Scheme.
- (V) Tender for 500 MW solar power plant for Maharashtra has been issued under 5000 MW VGF Scheme.
- (VI) Proposals received from cities of Nagpur, Thane, Kalyan-Dombivali, Aurangabad, Nanded, Shirdi, Pune of Maharashtra, Agra, Allahabad and Moradabad cities from Uttar Pradesh have been approved for solar Cities.

#### **Subsidy to solar pumps for farmers**

1350. SHRIMATI RENUKA CHOWDHURY: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government proposes to subsidize solar pumps for farmers across the country;
- (b) if so, the details thereof along with the quantum of subsidy; and
- (c) the fresh steps taken by Government to promote farm activities using solar power in rural areas?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) Ministry of New and Renewable Energy (MNRE) already provides capital subsidy to farmers for installation of solar pumps for irrigation purpose through the State Nodal Agencies.

(b) The details of Central Financial Assistance (CFA) applicable for installation of solar pumps through States and National Bank for Agriculture and Rural Development (NABARD) are given in the Statement (*See below*).

(c) MNRE has issued guidelines for solar pumps. MNRE has also made a provision in guidelines for export of surplus power in the grid so that farmers can get additional income from these pumps.

NABARD is also promoting Solar Pumping Programme through State and District Level Workshops through Banks to bring more public awareness. Till now, 2,08,460 pumps are sanctioned to various State Government Agencies and NABARD.

**Statement***Details of Central Financial Assistance (₹/HP) for SPV Water Pumping system through States and NABARD*

Sl. No.	SPV System	Capacity	₹/HP	
			Through States (@30%)	Through NABARD (@40%)
1.	DC Pumps	Up to 2HP	₹ 43200	₹ 57600
		>2HP to 5HP	₹ 40500	₹ 54000
2.	AC Pumps	Up to 2HP	₹ 37800	₹ 50400
		>2HP to 5HP	₹ 32400	₹ 43200
		>5HP to 10 HP*	₹ 32400	₹ 43200

\*SPV water pumping system over 5HP may avail subsidy wherever applicable. MNRE subsidy will be limited to 5 HP only even for higher capacity pumps till any revision in the scheme.

**Share of new and renewable energy**

1351. SHRI C. P. NARAYANAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) what was the percentage of new and renewable energy out of the total energy generated in the country during the last three years;

(b) what is the perspective therefor during the next five years;

(c) which of the renewable energies is continuing most now;

(d) what is the perspective therefor during the coming years; and

(e) what are the main impediments in increasing new and renewable energy generation?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) The percentage of new and renewable energy out of the total energy generated in the country during the years 2014-15, 2015-16 and 2016-17 (April to September) is furnished below:

Year	Total Generation	Generation from Renewables	Renewable Generation as % of Total Generation
2014-15	1110.45 BU	61.78 BU	5.56 %
2015-16	1173.60 BU	65.78 BU	5.60 %
2016-17 (April to Sept.)	631.84 BU	47.62 BU	7.54 %

Source: CEA.