

Installation of windmills

†2121. SHRI BRIJLAL KHABRI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government is planning to install windmills in the country;
- (b) if so, the details thereof;
- (c) the number of windmills currently operating in the country and the amount of energy being generated by these windmills; and
- (d) the amount of energy proposed to be generated by Government through these new windmills in the country?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) Yes, Sir. The Government is already promoting installation of windmills in the country by providing fiscal and promotional incentives. Loans for installing windmills are available from Indian Renewable Energy Development Agency (IREDA) and other Financial Institutions. Technical support including wind resource assessment to identify potential sites is provided by the Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided in potential States. Government has recently announced a Generation Based Incentives (GBI) under which Rs. 0.50/unit generated from wind power projects is being provided to the project which do not avail accelerated depreciation benefit.

(c) and (d) A total wind power capacity of 12907 MW has been installed in the country upto October, 2010. The wind power projects have generated around 91 Billion Units of electricity so far. The current installed capacity is expected to generate around 26 Billion Units of electricity every year.

Generation of grid connected solar power

2122. SHRI T.M. SELVAGANAPATHI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether it is a fact that the Jawaharlal Nehru National Solar Mission is to ramp up capacity of grid connected solar power generation to 1,000 MW within three years by 2013;
- (b) if so, the details thereof;

†Original notice of the question was received in Hindi.

- (c) whether it is also a fact that the plan is to commission an additional 3,000 MW by 2017; and
- (d) whether Government is considering to expand the solar energy power generation more effectively?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) Yes Sir. Under the first phase of the Jawaharlal Nehru National Solar Mission, the NTPC Vidyut Vyapar Nigam (NVVN) will purchase solar power (1,000 MW) from the project developers. NVVN will bundle the solar power with the unallocated thermal power available from NTPC stations and sell the bundled power to the utilities. 84 MW capacity projects have been selected under the migration component of this programme. In addition, NVVN has initiated actions to select another 620 MW solar power projects. NVVN has received proposals from the project developers to offer discount on the tariff announced by the Central Electricity Regulatory Commission. This process would help in reducing the cost of solar power.

- (c) Yes Sir.
- (d) Government has announced the policy framework to promote large capacity addition, local manufacturing and research in the country under the Jawaharlal Nehru National Solar Mission. The Central and State Electricity Regulatory Commissions have announced tariff for purchase of solar power. Several fiscal and financial incentives are also available to encourage setting up of solar plants in the country.

Construction of hydro-power projects in Arunachal Pradesh

2123. SHRI SILVIUS CONDPAN: Will the Minister of POWER be pleased to state:

- (a) whether the Ministry is aware of the fact that there is a lot of hue and cry over the proposed hydel project in Arunachal Pradesh;
- (b) whether the Ministry is aware of the public resentment in Assam for the fear of being washed away, in case the dams erected is eroded by flood water; and
- (c) if so, whether the Assam Government, at the downstream of these projects, was duly consulted to dispel the apprehensions and fears of the people of the State?