

QUESTION DETAILS

MINISTRY OF : NEW AND RENEWABLE ENERGY

RAJYA SABHA

UNSTARRED QUESTION NO 254
TO BE ANSWERED ON 05.02.2019
Promotion of wind energy

254. Shri G.C. Chandrashekhar

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

- (a) whether Government has formulated a special scheme to manufacture the equipments used to generate wind energy in the country, if so, the details thereof;
- (b) whether Government has made any special efforts for generation of wind energy in economically backward States including Karnataka, if so, the details thereof, State-wise;
- (c) whether Government has invited bids for the setting up of wind mills in the country, if so, the details thereof;
- (d) the present status of wind power projects in the country, State-wise; and
- (e) the steps taken/being taken by Government to promote the wind energy in the country?

Answer

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R. K. SINGH)

(a) No Sir.

(b) The wind resource is highly site specific and its commercially exploitable potential is available only in seven states i.e. Andhra Pradesh, Gujarat, Tamil Nadu, Madhya Pradesh, Maharashtra, Rajasthan and Karnataka. The Government, through National Institute of Wind Energy, has estimated wind power potential of 302.25 GW at 100m above ground level in the country. A cumulative wind power capacity 35.18 GW has already been installed in the country. The state wise potential and installed capacity (as on 31.12.2018) of wind power in the country are given in Annexure I.

Further, the wind power projects are set up by private developers based on techno-economic viability of the project. The Government has issued 'Guidelines for Development of Onshore Wind Power Projects' dated 22 October 2016 for orderly growth of wind power sector in the country, including Karnataka.

(c) Yes Sir. As on date, bids for setting up of wind power projects aggregating to 9600 MW capacity have been issued through Solar Energy Corporation of India Ltd. (SECI) and National Thermal Power Corporation Ltd. (NTPC), as detailed in Annexure II. Besides, bids for 1000 MW have been issued by the state of Tamil Nadu and 500 MW each by the states of Gujarat and Maharashtra.

(d) The wind power projects of 35.18 GW cumulative capacity, as on 31.12.2018, have already been installed in the country. The state wise installed capacity of wind power in the country is given in Annexure I.

(e) The Government is promoting wind power projects in entire country by providing various fiscal and financial incentives such as Accelerated Depreciation benefit; concessional custom duty exemption on certain components of wind electric generators. Besides, Generation Based Incentive (GBI) is being provided to the wind projects commissioned before 31 March 2017.

In addition to fiscal and other incentives as stated above, following steps also have been taken to promote installation of wind capacity in the country:

- Technical support including wind resource assessment and identification of potential sites through the National Institute of Wind Energy, Chennai.
- In order to facilitate inter-state sale of wind power, the inter-state transmission charges and losses have been waived off for wind and solar projects to be commissioned by March, 2022.
- Issued Guidelines for Tariff Based Competitive Bidding Process for procurement of Power from Grid Connected Wind Power Projects. These Guidelines aim to enable the Distribution Licensees to procure wind power at competitive rates in a cost effective manner.

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