

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:5770

ANSWERED ON:30.04.2010

COST OF WIND POWER

Ahir Shri Hansraj Gangaram;Kashyap Shri Virender;Meghe Shri Datta Raghobaji;Patel Shri Bal Kumar;Thakur Shri Anurag Singh;Tirkey Shri Manohar;Verma Shri Sajjan Singh

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

- (a) the power generated by the wind power projects in the country alongwith the per unit production cost of power from this source, State- wise;
- (b) whether the Government has provided or proposes to provide subsidies/ financial assistance / grants to the private players for the setting up of these projects in the country;
- (c) if so, the details thereof alongwith the funds sanctioned for the setting up of these projects in the country including Maharashtra during each of the last three years, State-wise;
- (d) whether the Government proposes to introduce any special scheme to tap the potential of wind energy as well as for the setting up of these projects in various States in the country including Karnataka and Tamil Nadu; and
- (e) if so, the details thereof?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a): A total wind power capacity of 11,807 MW has been installed in the country so far. The State-wise details are given in Annexure. The average capital cost of wind power project varies from Rs. 5.5 crore to Rs.6 crore per MW. The cost of generation of wind power projects varies from Rs. 2.75 to Rs. 3.50 / unit depending upon site, capital cost, interest rate, etc.

(b)&(c): The wind power projects are installed in commercial mode through private sector investment. The Government does not provide any capital subsidy for setting up of wind power projects to the private sector. However, Government has recently announced a generation based incentive (GBI) under which Rs. 0.50 per unit generated from wind power projects will be provided to the projects which do not avail accelerated depreciation benefit.

(d)&(e): Government is promoting commercial grid connected wind power projects through private sector investment in wind potential states by providing fiscal incentives, loan from Indian Renewable Energy Development Agency (IREDA) and other financial institutions. Technical support including detailed wind resource assessment to identify further potential sites, is provided by the Centre for Wind Energy Technology (C-WET), Chennai. This apart, preferential tariff is being provided to increase wind energy investment in the potential States.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO. 5770 FOR 30.04.2010.

STATE-WISE WIND POWER INSTALLATIONS

States	Capacity (MW)
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Andhra Pradesh	136
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Gujarat	1864
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Karnataka	1473
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Kerala	28
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Madhya Pradesh 229

Maharashtra 2078

Rajasthan 1088

Tamil Nadu 4907

Others 4

Total 11807