

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

UNSTARRED QUESTION NO:608

ANSWERED ON:24.11.2006

WIND POWER GENERATION

Channappa Shri Kunnur Manjunath;Jindal Shri Naveen

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

- (a) whether wind energy is growing fast in power sector in the country;
- (b) if so, the installed capacity of wind energy in the country at present, State-wise;
- (c) the targets and actuals of wind power generation during each of the last three years; State-wise and
- (d) the efforts being made by the Government to enhance wind power generation in the country?

Answer

MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY(SHRI VILAS MUTTEMWAR)

(a) : Yes, Sir. Grid interactive wind power installed capacity has been progressively increasing over the last two-three years and it was about 1746 MW in the year 2005-06.

(b) : A total wind power capacity of 6070 MW has so far been installed in the country. State-wise information is given in Annexure-I.

(c) : The electricity generation from wind power projects is site-specific and depends upon availability of winds and grid. No State-wise targets have been fixed for power generation from wind. A target of 1500 MW was fixed for Tenth Five Year Plan for wind power capacity addition mainly through commercial projects with private sector investments. The overall target vis-à-vis achievements for the last three years is given at Annexure-II.

(d) : The Government is encouraging setting up of wind power projects in the country by providing concessional import duty on certain components of wind electric generator, excise duty exemption, ten years' tax holiday on income generated from wind power projects, benefit of accelerated depreciation, loan from Indian Renewable Energy Development Agency (IREDA) and other financial institutions, policies in the States for grid connection and sale of electricity generated, technical support by the Centre for Wind Energy Technology (C-WET) and detailed wind resource assessment to identify further potential sites.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (B) OF THE LOK SABHA UNSTARRED QUESTION NO.608 FOR 24.11.2006

STATE-WISE WIND POWER INSTALLED CAPACITY (AS ON 30.09.2006)

(in MW)

State Total Installed Capacity

Andhra Pradesh	121.6
Gujarat	391.4
Karnataka-	696.0
Kerala	2.0
Madhya Pradesh	50.9
Maharashtra	1242.8
Rajasthan	385.8
Tamil Nadu	3175.5
West Bengal	1.1
Others	3.2
Total	6070.3

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (C) OF THE LOK SABHA
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Year	Target (MW)	Achievements (MW)
2003-04	250	615
2004-05	300	1111
2005-06	450	1746
TOTAL	1000	3472