

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2390
ANSWERED ON:18.03.2005
WIND MILLS
Ahir Shri Hansraj Gangaram

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether any scheme for generating energy through windmills has been formulated by the Government;
- (b) if so, the details thereof;
- (c) whether the Government is contemplating to adopt any advanced technology to Counter the adverse effects of the windmills;
- (d) if so, the details thereof;
- (e) the quantum of energy generated through windmills in the country as on date State-wise;
- (f) whether the generation of power through wind mills has adversely affected the quantum of rainfall received by at the project-site; and
- (g) if so, the details thereof?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a)&(b): Yes; Sir. The Ministry has been implementing a Wind Energy Programme which aims at utilizing wind energy mainly for generation of grid power. The programme provides for partial financial assistance for undertaking survey and assessment of wind resources, setting up of limited demonstration projects and support to Centre for Wind Energy Technology (C-WET). Fiscal incentives such as accelerated depreddation, concessional customs duty on certain components, term loan from Indian Renewable Energy Development Agency, excise duty exemption etc. are also available to private developers and manufacturers for setting up of commercial wind farm projects. A cumulative installed capacity of around 3000 MW has been achieved as on 31.12.2004 in the country.

(c)&(d): The generation of power from wind mills is non-polluting and environmentally benign without any adverse effects. Nevertheless wind turbines with state-of-art-technology are being manufactured in the country under licensed production/joint ventures.

(e): A cumulative total of about 16.17 billion units of electricity has been generated till end of December, 2004. State-wise installation is given in Annexure.

(f)&(g): No, Sir. Generation of power through wind mills does not affect the quantum of rainfall at the project-site.

ANNEXURE

Annexure referred to in reply to part (e) of the Lok Sabha Unstarred Question No.2390 for 18.3.2005 regarding wind mills.

STATE-WISE GENERATION OF ELECTRICITY FROM WIND POWER PROEJCTS TILL 31sT DECEMBER, 2004

STATE MILLION UNITS

Andhra Pradesh	622.3
Gujarat	1304.2
Karnataka	1186.4
Kerala	15.8
Madhya Pradesh	171.7
Maharashtra	2395.5
Orissa	1.2
Tamil Nadu	10399.9
Rajasthan	73.3

West Bengal 1.6

Total 16171.9