

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

STARRED QUESTION NO:249

ANSWERED ON:08.12.2006

WIND AND SOLAR ENERGY

Barad Shri Jashubhai Dhanabhai;Rao Shri Sambasiva Rayapati

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

- (a) the different types of renewable energy which are in use and those which are in the experimental stage;
- (b) the allocations made and its utilization for the development of renewable energy during each of the last three years; and
- (c) the concrete efforts being taken by the Government to patronize and encourage production of solar and wind energy in the country?

Answer

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

(a), (b) & (c): A Statement is laid on the Table of the House.

Statement

Statement referred to in reply to parts (a), (b) & (c) of Lok Sabha Starred Question No. 249 for 08/12/2006 regarding Wind and Solar Energy.

(a): The principal new and renewable sources being harnessed for energy are wind, small hydro, biomass including bio-fuels, and solar. These apart, renewable energy sources such as geothermal, ocean thermal, tidal, synthetic fuels and hydrogen are in demonstration / experimental stage.

(b) : Year-wise details of funds allocated to this Ministry at BE and RE stages and the actual expenditure incurred during last three years, i.e., 2003-04 to 2005-06 are given in Annexure.

(c) : To encourage harnessing of renewable energy, including solar and wind, fiscal and financial incentives are being provided that include capital / interest subsidy, accelerated depreciation, concessional duties and relief from taxes to attract private investment. These apart, preferential tariff for grid-interactive power is being given in most potential states. However, since the cost of grid-interactive solar photovoltaic electricity is placed at Rs.20/kWh (without battery back up), its generation has not taken off on account of it not being economically viable at this juncture. Publicity and awareness on the use of renewable energy systems / devices are created through print, postal and electronic media and special events like the Rajiv Gandhi Akshay Urja Diwas which are being organised. In addition, District-level Advisory Committees have been constituted in states to facilitate effective coordination of renewable energy schemes / programmes.

Annexure

Annexure referred to in reply to part (b) of Lok Sabha Starred Question No.249 for 08.12.2006 regarding Wind and Solar Energy.

Year-wise details of amount allocated to this Ministry at BE and RE stages and the actual expenditure incurred during last three years, i.e., 2003-04 to 2005-06.

(Rs. in crore)

Financial Year	Budget	Estimate(BE)	Revised Estimate (RE)	Actual expenditure
				(% utilization w.r.t. to RE)
2003-04	630.15	395.74	381.33	(96.36%)
2004-05	605.27	405.47	240.33	(59.27%)
2005-06	605.38	356.43	285.98	(80.23%)