

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

UNSTARRED QUESTION NO:604
ANSWERED ON:02.03.2007
DEVELOPMENT OF RENEWABLE ENERGY
Singh Shri Dushyant

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

- (a) whether the Government proposes to develop New and Renewable Energy at an affordable cost in the country;
- (b) if so, the target set for the Eleventh Five Year Plan; (
- (c) the areas identified to develop low cost sources of energy ; and
- (d) the funds proposed to be earmarked for this purpose for the Eleventh Five Year Plan?

Answer

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

(a): New & Renewable Energy (NRE) systems / devices are gradually becoming competitive or near competitive to conventional energy. Research, Design & Development (RD&D) is in progress across the globe, including this country to make such systems affordable, convenient, reliable and safe. This Ministry is facilitating such RD&D activities through central financial assistance.

(b) & (c): The Ministry has identified the following thrust areas for RD&D in NRE during the 11th Plan:-

- (i) Increasing efficiency to cost ratio of solar photovoltaic cells;
- (ii) Cost-competitive stand-alone NRE systems / devices for cooking, lighting and motive power;
- (iii) MW-scale Wind Electric Generators for low wind regimes;
- (iv) Biomass integrated gasification combined cycle systems for power generation;
- (v) Alternate Fuel systems for transport, portable and stationary applications;
- (vi) Hybrid Electric systems for transport, portable and stationary applications; and
- (vii) Storage Devices, including those for grid power.

(d) An outlay of Rs.1500crore for RD&D in NRE has been proposed in the 11th Plan document of this Ministry submitted to the Planning Commission.