

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

UNSTARRED QUESTION NO:158

ANSWERED ON:22.02.2013

PUBLIC PRIVATE PARTNERSHIP IN RENEWABLE ENERGY SECTOR

Pakkirappa Shri S.

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

- (a) whether Government is working to reduce the cost of setting up of power generation plants based on renewable sources of energy in the country in public-private partnership mode;
- (b) if so, the details thereof;
- (c) if not, the reasons therefor;
- (d) whether Government has worked previously with private sector for the same; and
- (e) if so, the details thereof along with the result and impact of such partnerships?

Answer

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

(a), (b)&(c) Yes, Madam. To develop new technologies and to reduce the cost of power generation, the Ministry has a comprehensive scheme to support Research and Development (R&D) projects, including in Public-Private Partnership, in all areas of renewable energy (RE). It provides financial support for the R&D projects taken up by National Research Institutions, Academic Institutions & Universities, Autonomous bodies and Industry. Emphasis is on involvement of industry and coordinated research in institutions. Further, to reduce cost of Solar Power generation, recently reverse competitive tariff bidding has been introduced.

(d) & (e) The Ministry has been supporting R&D projects in Public-Private Partnership in the areas of Solar Photovoltaic, Solar Thermal, Hydrogen Energy, Fuel Cells, Waste to Energy etc. These projects have resulted into new product development, setting up of demonstration projects in emerging technologies and testing new concepts. The reverse tariff bidding has resulted in a reduction of about 50% in just two years.