

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

UNSTARRED QUESTION NO:4774

ANSWERED ON:25.04.2008

SOLAR ENERGY GENERATION

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

- (a) the target set and achievements made in the field of solar energy generation during the Tenth Five Year Plan period;
- (b) the targets fixed for the Eleventh Five Year Plan, and the steps being taken by the Government for achieving the targets during the Plan;
- (c) the funds released and spent by each State during the Tenth Five Year Plan; and
- (d) the expenditure likely to be incurred to promote and popularise the solar energy in the country during the current financial year?

Answer

MINISTER OF THE STATE IN THE DEPARTMENT OF COMMERCE, MINISTRY OF COMMERCE & INDUSTRY AND MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH)

- (a): During the Tenth Five Year Plan period, the Ministry of New and Renewable Energy had sanctioned projects for installation of 1500 kWp capacity of grid connected solar photovoltaic power plants in the country and projects for a total capacity of 900 kWp have been installed.
- (b): The Ministry has fixed a target of 50 MW for setting up grid connected solar power plants during the Eleventh Five Year Plan. In order to achieve this, a new demonstration programme to support MW size grid connected solar power plants has been announced. Under this programme the Ministry will provide generation based incentive up to Rs. 12 per kWh for the power actually fed to the grid from a solar photovoltaic power plant and up to Rs. 10 per kWh from a solar thermal power plant, taking into account the tariff given by the state utility, for a maximum period of ten years. The solar power projects are to be set up on build, own and operate basis. Preference will be given to projects in the States, where the concerned State Electricity Regulatory Commissions have announced tariff for solar power.
- (c): The details of the funds released to various State agencies for implementation of grid connected solar power projects during the 10th Five Year Plan are given in the Annexure.
- (d): During 2008-09, an amount of Rs.123.25 crores has been allocated for various activities relating to promotion and popularization of solar energy in the country, including an amount of Rs. 19.75 crores for setting up grid connected MW size solar power plants.