

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

UNSTARRED QUESTION NO:42

ANSWERED ON:13.02.2009

SOLAR ENERGY GENERATION

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

- (a) whether there is a vast potential of solar energy in the country;
- (b) if so, the details thereof?
- (c) the target set for tapping the solar power generation during the Eleventh Five Year Plan; and
- (d) the extent to which it is likely to be achieved during the above plan?

**Answer**

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

(a)&(b): India receives solar energy equivalent to over 5,000 trillion kWh per year. The daily average solar energy incident varies from 4 - 7 kWh per square metre of the receiving area depending upon the location.

(c) &(d): A target of 50 MW has been set for solar power generation during the Eleventh Five Year Plan, which is likely to be achieved.