

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

UNSTARRED QUESTION NO:1406

ANSWERED ON:27.11.2009

SOLAR ENERGY GENERATION

Angadi Shri Suresh Chanabasappa;Chauhan Shri Sanjay Singh;Choudhry Smt. Shruti;Saroj Shri Tufani

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

- (a) the details of targets set and achievement made so far in solar energy generation during the Eleventh Five Year Plan;
- (b) whether the targets set for the above-said period were achieved;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) whether the Government has set any target of power generation through solar energy by the year 2020;
- (e) if so, the details thereof; and
- (f) the steps taken/proposed to be taken by the Government to achieve the targets set?

Answer

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

(a),(b)&(c): A target of 50 MW of solar power plants and distributed stand alone PV systems has been fixed for the Eleventh five year plan; against which about 10.56 MW capacity power plants and systems such as solar home lights, street lights, solar lanterns and solar pumps have been installed till 31st October, 2009. In addition, against a target of 50 lakhs square meter of solar thermal collector area and 2 lakhs solar cookers, a total of 10.1 lakhs square meter collector area and 40,755 number of solar cookers have been installed during the same period.

(d),(e)&(f): The Jawaharlal Nehru National Solar Mission, recently announced by the Government aims at a capacity addition of 20,000 MW grid connected solar power and 2,000 MW equivalent of off-grid solar applications by 2022. The Mission will be implemented in three phases. In the first phase, till 2012-13, Government has approved a target of 1,100 MW of grid connected and 200 MW of off-grid solar applications. Further, expansion of the programme in the second phase would depend on reduction in the cost of solar power, development of new materials and devices, increase in efficiency of the solar systems; and domestic volume production.