

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

UNSTARRED QUESTION NO:2686  
ANSWERED ON:11.03.2011  
POWER GENERATION FROM RENEWABLE ENERGY SOURCES  
Wankhede Shri Subhash Bapurao

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

- (a) whether the Government has prepared a vision document for generation of power from the new and renewable energy sources in the next ten years;
- (b) if so, the details, thereof;
- (c) whether any targets have been fixed to generate power from the new and renewable energy sources in the next ten years;
- (d) if so, the details, thereof; and
- (e) the steps proposed to be taken for increasing power generation through new and renewable energy in the future?

**Answer**

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

(a),(b),(c)&(d): Yes, Madam. The vision document estimates that about 55,000 MW new renewable energy capacity would be added (to the capacity of about 18,000 MW existing in Sep 2010) to increase the share of renewable energy in total electricity mix to 6.4 per cent by 2022.

The above capacity includes 20,000 MW from solar power envisaged under the National Solar Mission. Of this 1,100 MW is envisaged in the first phase of the Mission, till 2012-13 and the balance in the second and third phases till March, 2022. The remaining capacity of 35,000 MW is envisaged from other renewable energy sources. Of this, about 5,000 MW is envisaged during the remaining period of the 11th Plan and 15,000 MW each during the 12th and 13th Plan respectively.

(e): Various steps have been taken by the Government to increase power generation through new and renewable energy include the following:

# Fiscal and financial incentives, such as, capital/ interest subsidies, accelerated depreciation, nil/ concessional excise and customs duties;

# Directives under Electricity Act 2003 to all States for fixing a minimum percentage for purchase of electricity from renewable energy sources taking into account local factors;

# Preferential tariff for grid interactive renewable power in most potential States;

# Normative guidelines by CERC for fixation of such preferential tariffs;

# Jawaharlal Nehru National Solar Mission initiated in January 2010 to give a boost to deployment of solar energy systems, solar photovoltaic as well as solar thermal.