

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
QUESTION NO07.03.2011
ANSWERED ON
ENERGY GENERATION FROM RENEWABLE ENERGY SOURCES

1210

SHRI RAMDAS AGARWAL

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

- (a) whether the country has potential to generate energy from the new and renewable energy resources.
- (b) if so, the quantum thereof, in mega watts;
- (c) the details of funds sanctioned by Government during the Eleventh Five Year Plan for capacity addition of renewable power ; and
- (d) the details of future action plan formulated by government for the Twelfth Five Year Plan for enhancing power generation from these energy sources?

ANSWER

THE MINISTER OF NEW AND RENEWABLE ENERGY

(DR. FAROOQ ABDULLAH)

(a)&(b):Yes, Sir. A potential of around 87,000 MWeq for power generation from different renewable energy sources excluding solar energy has been estimated in the country. This includes 48,500 MW from wind, 15,000 MW from small hydro and 23,700 MW from bio-power. The potential for solar energy is estimated for most parts of the country at around 20 MW per square kilometer of open, shadow free area covered with solar collectors.

(c):An outlay of over Rs.900 crore for renewable power capacity addition of 12,300 MW from renewable energy sources has been sanctioned for the 11th Plan period.

(d):It is envisaged to add renewable power capacity of about 20,000 MW (excluding solar power) upto the end of 12th Plan (31st March, 2017). This includes 15,000 MW during the 12th Plan. An additional capacity of 4000 – 10,000 MW of Solar power by the end of 12th Plan is envisaged under the Jawaharlal Nehru National Solar Mission.