

- In addition, the Mission will support various activities, as considered necessary, on R&D, Human Resource Development, Technical Assistance, training, publicity and awareness etc. for successful implementation of the Mission.

National Solar Mission

1159. SHRI SITARAM YECHURY: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government has announced the National Solar Mission with a target of generating 20,000 MW solar power;
- (b) the details of proposed investment Government has planned to commission under this Mission;
- (c) the manner in which the Mission is going to be commissioned;
- (d) the details of available technologies for Solar power generation;
- (e) the incentives offered to the promoters;
- (f) whether any pilot project has been commissioned under this Mission; and
- (g) if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) Yes, Sir.

(b) and (c) The Mission will be implemented in three phases. Government has approved a target to set up 1,100 MW grid connected solar plants, including 100 MW capacity plants as rooftop and other small solar power plants for the first phase of the Mission till March 2013. In addition, 200 MW capacity equivalent off-grid solar applications and 7 million square metre solar thermal collector area are to be installed. An amount of Rs. 4,337 crores has been approved for the first phase of the Mission.

(d) Solar power projects, based on solar thermal and photovoltaic technology options can be set up under the Mission on build, own and operate basis.

(e) Central Electricity Regulatory Commission has fixed tariff for purchase of solar power from the project developers. The applicable tariff for 2009-10 is Rs. 18.44 per unit for photovoltaic power and Rs. 13.45 per unit for solar thermal power.

(f) and (g) Solar power projects are yet to be commissioned under the Mission. Recently, three grid connected solar PV power projects of a total of 8 MWp capacity have been set up in Punjab, Karnataka and West Bengal. The Ministry has sanctioned generation based incentive under an earlier pilot scheme of the Ministry for the 1 MWp project installed in West Bengal.

Utilisation of bio-diesel and bio-ethanol

1160. SHRI P. RAJEEV: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state: