

**Use of rice husk and solar power**

2732. SHRI SALIM ANSARI:

SHRI JAI PRAKASH NARAYAN SINGH:

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

- (a) whether it is a fact that rice husk and solar power would be used in rural India for solving power shortage problems;
- (b) if so, the details of new green solutions systems; and
- (c) the details of cost and life expectancy of the project once implemented?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) Rice husk based biomass gasifiers are being installed to meet the unmet demand of electricity in villages. Stand-alone solar photovoltaic power plants of upto 100 KWp unit capacity and mini-grid solar photovoltaic power plants of up to 250 KWp unit capacity with battery bank can meet the electricity requirements of villages in the country. The Ministry is providing central financial assistance for the installation of rice husk based biomass gasifiers and solar photovoltaic power plants.

(c) An investment of Rs. 16-18 lakhs is required for installation of a 32 kilowatt rice husk gasifier system with 100% producer gas engine and a distribution network. The life of such a system would be around 10 years subject to proper operation and maintenance.

Benchmark cost for a stand alone solar photovoltaic power plant is Rs. 2.7 lakhs per kilowatt and the cost of a mini-grid solar power plant with distribution network and battery bank is Rs. 5 lakh per kilowatt. The life of solar PV module is 25 years.

**Implementation of projects under JNNSM**

2733. SHRI TARIQ ANWAR: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether it is a fact that the projects awarded under the Jawaharlal Nehru National Solar Mission (JNNSM) are not implemented by the bidders;
- (b) if so, the details thereof; and
- (c) the action Government has taken against the accused companies?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) No, Sir. The projects awarded under the Jawaharlal Nehru National Solar Mission (JNNSM) are being implemented by the bidders. Out of the 28 projects allotted in Phase I Batch I of the Mission, 25 projects have been