

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

UNSTARRED QUESTION NO:4396
ANSWERED ON:20.08.2010
SOLAR POWER EQUIPMENT
Mahtab Shri Bhartruhari

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

- (a) whether equipment required for the generation of solar energy in the country are being manufactured indigenously;
- (b) if so, the details thereof;
- (c) if not, whether solar power equipment are being imported in the country; and
- (d) if so, the total amount spent on import of such equipment during last one year?

Answer

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

(a)&(b): Solar energy can be converted to electricity by two routes, namely, solar photovoltaics and solar thermal. There is sufficient manufacturing capacity available in the country to produce solar photovoltaic power equipment to meet present level of demand. However, solar thermal collectors for power generation are not manufactured commercially in the country.

(c)&(d): For installation of solar thermal power projects, solar thermal collectors are largely envisaged to be imported during initial phase of the programme under recently announced Jawaharlal Nehru National Solar Mission. These projects, however, are to be installed on build, own and operate basis by the project developers to avail generation based incentive under the Mission. No commercial solar thermal power project has been commissioned yet.