

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

UNSTARRED QUESTION NO:4770

ANSWERED ON:07.08.2009

COST OF SOLAR POWER

Thakur Shri Anurag Singh

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

(a) the details of reduction in the capital cost of solar power (Rs.kw) over the last three years and the current year globally and in the country; and

(b) the projections for it during the next five years?

Answer

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

(a)&(b): The cost of solar photovoltaic (PV) modules has reduced during the last five years. As per some of the estimates the reduction is from average cost of US \$ 4,200 per kW to US \$ 2,700 per kW. During the same period, in India the average cost has reduced from about Rs. 1,80,000 per kW to Rs. 1,45,000 per kW. The present trend indicates that the cost will continue to decline due to global R&D efforts, expanded utilization of solar PV modules for various applications and volume production. Some of the international reports have projected that in the next five years, the cost of PV modules could come down to US \$ 1,000 – 1,500 per kW. Indian cost of PV modules is also expected to reduce on the same line to Rs. 60,000 – 80,000 per kW by that time.