

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

UNSTARRED QUESTION NO:3153

ANSWERED ON:11.12.2014

SOLAR POWER

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

- (a) whether the Government proposes to train around 50,000 people in areas related to solar power that would help India achieve ambitious targets in harnessing the power of the sun;
- (b) if so, the details thereof;
- (c) the details of the agency which would provide training to them along with the nature and period of training;
- (d) the manner in which they would work and make their contribution;
- (e) whether the Government has set up any target to achieve the solar power generation capacity for the next five years and the investment likely to be required for achieving the target: and
- (f) if so, the details thereof?

**Answer**

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a),(b),(c) &(d): The Ministry of New and Renewable Energy supports educational institutions, Non- Governmental Organizations (NGOs), Solar Energy companies to organize short-term training programmes of one week to six months duration on various aspects of solar projects such as basics of solar energy, components, system design, installation and commissioning, operation, maintenance and repairs. Course curricula for technicians, diploma, and graduate and post graduate level courses have also been developed. Usually 25-30 persons are trained in one such programme. These programmes are a mix of theory and practicals.

(e)&(f): The cumulative target for the solar power generation capacity addition under the Jawaharlal Nehru National Solar Mission (JNNSM) Phase II (2013 to 2017) is as under :

Application Segment Cumulative Target for  
Phase II  
(2013-17)

Grid solar power	10,000 MW
(large plants, roof top & distribution grid plants)	
Off-grid solar applications	1,000 MW

Solar Thermal Collectors 15 million  
(Solar Water Heaters, sq. meters  
solar cookers, drying,  
cooling and Industrial  
process heat applications  
using solar energy etc.)

As per Central Electricity Regulatory Commission (CERC) guidelines the investment cost of Grid connected solar PV project is Rs. 6.91 Cr./MW.