

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

UNSTARRED QUESTION NO:3064
ANSWERED ON:11.12.2014
SOLAR POWER GENERATION
Singh Shri Ravneet

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

- (a) whether the Ministry is aware that the total power generated through solar power in 2014 is lower than the previous year;
- (b) if so, the details of solar power generation capacity for the years 2013 and 2014;
- (c) the steps taken by the Government to increase the solar power generation capacity; and
- (d) the details of the capacity to be generated from the proposed ultra-mega solar projects?

Answer

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

(a)&(b): The details of power generation through solar are as under:

Year Power Generated
(Million Units)

2012-13	1648.634
2013-14	3355.957
2014-15	1883.688
(upto Aug 14)	

(c): The main steps taken by the Government to increase the solar power generation capacity are:

(i) Government of India has launched Jawaharlal Nehru National Solar Mission (JNNSM) on 11th January, 2010. The Mission targets deployment of 20,000 MW of grid connected solar power by 2022 in three phases.

(ii) There is a provision of subsidy on off-grid applications.

(iii) Provision for renewable purchase obligation for solar has been made in the National Tariff Policy.

(iv) Concessional Import duty/Excise duty exemption for setting up of solar power plants, accelerated depreciation and tax holiday.

(v) Generation based incentive and facility for bundled power for Grid connected Solar Power Projects through various interventions announced from time to time.

(vi) Awareness programmes such as exhibitions, training workshops etc. are being conducted.

(vii) Several R&D efforts have been initiated for new technologies and improvement in efficiency.

(viii) The State Electricity Regulatory Commissions (SERCs) are required to reserve a minimum of 0.25% of the total power consumed for purchase of solar energy by the end of 2012-13 and reach a level of 3% by 2022. Based upon the same, SERCs have declared Renewable Purchase Obligations (RPO) for the respective States.

(d):The Ministry has initiated scheme for setting up 25 Solar Parks and Ultra Mega Solar Power Projects to be developed in 5 years in various States. The capacity to be created from the Solar Parks and Ultra-Mega Solar Power projects is targeted to be over 20,000 MW.