

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

UNSTARRED QUESTION NO:4099
ANSWERED ON:07.08.2014
GRID FED SOLAR POWER PLANTS
Nayak Shri B.V.

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

- (a) whether the Government has any details of the Grid-fed solar power plants sanctioned/ commissioned during the Eleventh and Twelfth Plan periods;
- (b) if so, the details thereof, State-wise including Karnataka; and
- (c) the amount spent for each plant and the foreign technology used for commissioning of solar power plants?

Answer

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

(a)&(b): Yes, Madam. 231 nos. Grid-connected solar power plants of 1859 MW aggregate capacity have been taken up/ allotted under different schemes of the Ministry (MNRE) during the 11th Plan period and the 12th Plan period up to 30.06.2014. Of these, 163 nos. solar power plants of 684 MW aggregate capacity have been set up as on 30.06.2014. In addition, solar power plants of about 2,000 MW aggregate capacity have been set up under States own initiatives and other market mechanism like RPOs, RECs, etc .

State-wise details of the solar power plants set up under MNRE Schemes are furnished in Annexure-I. Details of the solar power plants set up in the State of Karnataka are furnished in Annexure-II.

(c): The solar power plants have been set up mostly in private sector with largely private investment, backed by fiscal/ financial incentives from Central Government like accelerated depreciation, concessional/ nil customs and excise duties, preferential tariffs and generation based incentives, etc. The investment in the plants set up under MNRE schemes (163nos./ 684MW) is estimated at over Rs. 7,000 crore.

Out of the 163 nos./ 684 MW aggregate capacity solar power plants set up under MNRE schemes up to 30.06.2014, 75nos. / 430 MW have utilized imported solar PV technology and 87 nos./204 MW indigenous solar PV technology. The remaining 1 no./50 MW solar power plant is based on solar thermal technology, utilizing mostly imported equipment.