

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 4153**  
TO BE ANSWERED ON 03.04.2018  
**SOLAR ENERGY POTENTIAL OF HIMACHAL PRADESH**

4153. SHRIMATI VIPLOVE THAKUR

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

- (a) whether National Institute of Solar Energy (NISE) has submitted its report to Government;
- (b) if so, the details thereof;
- (c) whether Government has conducted any survey to find out solar energy potential in the State of Himachal Pradesh, if so, the details thereof;
- (d) whether Government has launched various schemes for promotion of solar energy in the country, if so, the details thereof, State-wise; and
- (e) the financial assistance Government has allocated/released/utilised under the above schemes to Himachal Pradesh during the last three years and the current year, scheme-wise?

**ANSWER**

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)  
(SHRI R. K. SINGH)

- (a) and (b) The National Institute of Solar Energy (NISE) has carried out potential assessment exercise for solar power generation in India. As per this assessment, solar energy potential of 748.98 GWp has been estimated in the country.
- (c) NISE, through its solar energy potential assessment exercise, has estimated solar energy potential of 33.84 GWp in the State of Himachal Pradesh.
- (d) The Government have launched various schemes for development & deployment of solar energy in the country. The details of these schemes are given in Annexure-I. The schemes are meant for all States and it is up to the State Governments concerned to seek Central Financial Assistance (CFA) in accordance with respective scheme guidelines.
- (e) The scheme-wise details of financial assistance sanctioned under different schemes for the State of Himachal Pradesh during last three years and the current year are given at Annexure- II.

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**ANNEXURE- I REFERRED TO IN REPLY TO PART (D) OF RAJYA SABHA  
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**Details of schemes launched for promotion of solar energy**

- i. Solar Park Scheme for setting up of over 50 Solar Parks and Ultra Mega Solar Power Projects targeting over 40,000 MW of solar power projects.
- ii. Scheme for setting up 1000 MW of Grid-Connected Solar PV Power Projects by Central Public Sector Undertakings (CPSUs) and Government of India organisations with Viability Gap Funding (VGF).
- iii. Scheme for setting up 300 MW of Grid-Connected Solar PV Power Projects by Defence Establishments and Para Military Forces with VGF.
- iv. Pilot-cum-demonstration projects for development of grid connected solar PV power plants on canal banks and canal tops.
- v. Bundling Scheme - 15000 MW grid-connected solar PV power plants through National Thermal Power Corporation (NTPC) Ltd./ National Vidyut Vyapar Nigam (NVVN).
- vi. VGF Schemes for setting up of Grid Connected Solar PV Power Projects through Solar Energy Corporation of India (SECI).
- vii. Installation of Grid Connected Solar Rooftop Power Plants.
- viii. Off-grid and Decentralisation Solar Applications Programme.

**ANNEXURE- II****ANNEXURE- II REFERRED TO IN REPLY TO PART (E) OF RAJYA SABHA  
UNSTARRED Q.NO. 4153 FOR 03.04.2018****Details of funds released under different Schemes to Himachal Pradesh****(as on 28.03.2018)**

<b>S.No.</b>	<b>Scheme</b>	<b>Funds released (In Rs. Lakhs)</b>			
		<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>
<b>1.</b>	Grid connected Roof Top and Small Solar Power Plants programme	-	-	540.75	-
<b>2.</b>	Off-grid and decentralised Solar PV Application Programmes	1628.00	4100.00	2650.00	1299.00
<b>3.</b>	Off-grid and decentralised Solar Thermal Applications (Concentrated Solar Thermal)	-	10.46	3.11	10.68
<b>Total</b>		<b>1628.00</b>	<b>4110.46</b>	<b>3193.86</b>	<b>1309.68</b>