

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 299**  
TO BE ANSWERED ON 25.02.2016

**LAND FOR SOLAR POWER PRODUCTION**

299. SHRI RAHUL KASWAN:

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

- (a) whether the Government has done an assessment of the available land for setting up Solar Power Production projects/units in different parts of the country, if so, the details thereof, State/UT-wise;
- (b) whether the Government proposes to utilize the barren and non-agriculture land for the purpose, if so, the details thereof; and
- (c) whether the Government proposes to incentivise its “strategic solar power production partners” to start production on such land, if so, the details thereof, State/UT-wise?

ANSWER

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

**(a)&(b):** The National Institute of Solar Energy (NISE) which functioning under Ministry of New and Renewable Energy (MNRE) has assessed the solar power potential in the country with an estimated 2% of wasteland use. The total potential has been assessed at 750 GW. The state-wise break up is given at Annexure. Land which is not fit for agriculture is considered for solar power development.

**(c):** The Government is taking up solar power projects in association with State the Governments, the National Thermal Power Corporation (NTPC) and the Solar Energy Corporation of India (SECI) etc. under various Government of India schemes and to fulfill the Renewable Purchase Obligation (RPO).

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**Annexure referred to in reply to parts (a) & (b) of the Lok Sabha unstarred question no. 299 for 25.02.2016**

**State-wise estimated Solar Energy Potential in the Country**

<b>Sr. No.</b>	<b>State/UT</b>	<b>Solar Potential (GWp)</b>
1	Andhra Pradesh	38
2	Arunachal Pradesh	9
3	Assam	14
4	Bihar	11
5	Chhattisgarh	18
6	Goa	1
7	Gujarat	36
8	Haryana	5
9	Himachal Pradesh	34
10	Jammu & Kashmir	111
11	Jharkhand	18
12	Karnataka	25
13	Kerala	6
14	Madhya Pradesh	62
15	Maharashtra	64
16	Manipur	11
17	Meghalaya	6
18	Mizoram	9
19	Nagaland	7
20	Odisha	26
21	Punjab	3
22	Rajasthan	142
23	Sikkim	5
24	Tamil Nadu	18
25	Telangana	20
26	Tripura	2
27	Uttar Pradesh	23
28	Uttarakhand	17
29	West Bengal	6
30	Delhi	2
31	UT	1
<b>TOTAL</b>		<b>750</b>

**No.30/126/2016/NSM**  
**Ministry of New and Renewable Energy**  
**National Solar Mission**

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**Subject: Lok Sabha Unstarred Question No. 299 by Shri Rahul Kaswan regarding "Land for solar power production" to be answered on 25.02.2016.**

Based on the information available with Solar Energy Division, a draft reply to the above mentioned Lok Sabha Unstarred Question No. 299 to be answered on 25.02.2016 has been attempted and is put up for kind approval.

**(Devendra Singh)**  
Under Secretary  
19.02.2016

**Director (NSM)**