

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY

**LOK SABHA**

**UNSTARRED QUESTION NO. 1540**

TO BE ANSWERED ON 09.03.2017

**SUPPLY OF RENEWABLE ENERGY**

1540. SHRI M.K. RAGHAVAN:

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

- (a) whether the Government has identified any cost effective method to supply renewable energy round-the-clock in the country;
- (b) if so, the details thereof;
- (c) whether the solar power units also requires a lot of land viz. putting up 1 MW of solar power requires two hectares of land;
- (d) if so, whether this indicates that large-scale solar power plants can only be set up on land that has no value for agriculture or wildlife; and
- (e) if so, the areas so identified and quantum of energy likely to be generated?

**ANSWER**

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

**(a) and (b):** The power generated through renewable power projects is fed to the Grid and the power can be accessed round the clock from the Grid. This apart solar energy systems are available with battery storage in off-grid mode.

**(c):** Yes, Madam.

**(d):** Yes, Madam. However, the Government is also promoting installation of solar power projects on rooftops to tap the large potential available for generating solar power using unutilized space on rooftops and wastelands around the buildings.

**(e):** The details of solar parks sanctioned across various States indicating their capacity is given at Annexure.

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**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF LOK SABHA UNSTARRED  
QUESTION NO. 1540 FOR ANSWER ON 09.03.2017**

**DETAILS OF SOLAR PARKS SANCTIONED AND THEIR CAPACITY**

<b>Sl. No.</b>	<b>State</b>	<b>Capacity (MW)</b>	<b>Location</b>
1.	Andhra Pradesh	1500	N.P.Kunta and P.Kothapalli Villages of N.P.Kunta Mandal, Ananthapuramu District  Thumukunta & Veligallu villages of Galiveedu Mandal, Kadapa District.
2.		1000	Gani and Sekunala Villages of Kurnool District
3.		1000	Thalamanchipatnam, Ramachandrayapalli, Dhodium, Vaddirala, Ponnampally and Kona Ananthapuram Villages of Mylavaram Mandal, Kadapa District
4.		500	Talaricheruvu, Aluru and Bhogasamudram Villages of Tadipathri Mandal, Ananthapuramu District
5.	Arunachal Pradesh	100	Near Tezu township, Lohit district
6.	Assam	69	Amguri in Sibsagar district
7.	Chhattisgarh	500	Rajnandgaon, Janjgir Champa districts
8.	Gujarat	700	Radhnesada village, Vav, Distt. Banaskantha
9.	Haryana	500	Bugan in Hisar district, Baralu and Singhani in Bhiwani district and Daukhera in Mahendragarh district
10.	Himachal Pradesh	1000	Spiti Valley of Lahaul & Spiti District
11.	Jammu & Kashmir	100	Mohagarh and Badla Brahmana, District-Samba
12.	Karnataka	2000	Tirumani, Vallur, Rayacherlu, Kyataganacherlu & Balasamudra in Nagalamadike Hobli, Pavagada Taluk, Tumkur Dist.
13.	Kerala	200	Paivalike, Meenja, Kinanoor, Kraindalam and Ambalathara villages of Kasargode district
14.	Madhya Pradesh	750	Villege- Badwar, ItarPahad, Ramnagar, Barseta Tehsil- Gurh District- Rewa
15.		500	Neemuch and Mandsaur
16.		500	Agar and Shajapur
17.		500	Chhattarpur
18.		500	Rajgarh-Morena
19.	Maharashtra	500	Sakri, Dhule district of Maharashtra

<b>Sl. No.</b>	<b>State</b>	<b>Capacity (MW)</b>	<b>Location</b>
20.		500	Dondaicha, district Dhule, Maharashtra
21.		500	Taluka Patoda, district Beed, Maharashtra
22.	Meghalaya	20	West Jaintia Hills & East Jaintia Hills districts
23.	Nagaland	60	Dimapur, Kohima and New Peren districts
24.	Odisha	1000	Balasore, Keonjhar, Deogarh, Boudh, Kalahandi and Angul
25.	Rajasthan	680	Bhadla Phase II, village Bhadla, Rajasthan
26.		1000	Bhadla Phase III, village Bhadla, Rajasthan
27.		750	Villages Ugraas, Nagnechinagar & Dandhu, tehsil Phalodi, dist Jodhpur (400 MW) and villages Lavan & Purohitsar, tehsil Pokaran, dist Jaisalmer (350 MW)
28.		500	Bhadla Phase IV, village Bhadla, Jodhpur Rajasthan
29.		421	Fatehgarh & Pokaran, Jaisalmer, Rajasthan
30.	Telangana	500	Gattu, Mehboob Nagar Distt.
31.	Uttar Pradesh	600	Jalaun, Allahabad, Mirzapur and Kanpur Dehat districts
32.	Uttarakhand	50	Sitarganj and Khurpia farm in US Nagar district
33.	West Bengal	500	East Mednipur, West Mednipur, Bankura
34.	Tamil Nadu	500	Initially proposed in Ramanathapuram district. Site under revision.
Total		20000	