

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4786**  
TO BE ANSWERED ON 15.12.2016

**SETTING UP OF SOLAR PARKS**

4786. SHRIMATI BUTTA RENUKA:  
SHRI UDAY PRATAP SINGH:  
SHRI B.V. NAIK:

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

- (a) the details of the solar parks and solar cities set up/being set up in various States including Madhya Pradesh in the country, location and State-wise;
- (b) the financial assistance provided for the said purpose, State-wise;
- (c) the additional capacity of power likely to be created as a result of setting up of these solar parks and cities, State-wise;
- (d) whether the Union Government has collaborated with World Bank for setting up of solar parks in the country;
- (e) if so, the details thereof; and
- (f) whether any solar parks funded by World Bank proposed in the country including Andhra Pradesh, if so, the details thereof?

ANSWER

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

- (a):** State-wise details of solar parks and solar cities approved in various States, including Madhya Pradesh, indicating their location are given at Annexure-I.
- (b):** State-wise details of financial assistance provided for setting up of solar parks and solar cities are given at Annexure-II.
- (c):** State-wise details of solar power capacity sanctioned for the solar parks are given at Annexure-II. A solar city aims at minimum 10% reduction in projected demand of conventional energy at the end of 5 years, through a combination of enhancing supply from renewable energy sources in the city and Energy Efficiency measures.
- (d) and (e):** At present, there is no collaboration in this regard.
- (f):** Question does not arise.

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**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA  
UNSTARRED QUESTION NO. 4786 FOR 15.12.2016**

**(I) List of Solar Parks**

<b>Sl. No.</b>	<b>State</b>	<b>Capacity (MW)</b>	<b>Location identified</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 Mahendergarh 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
20.		500	Dondaicha, district Dhule, Maharashtra

Sl. No.	State	Capacity (MW)	Location identified
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  (421 MW through support of Gol out of 1500 MW)	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.
<b>TOTAL</b>		<b>20000</b>	

**(II) List of Solar Cities (As on 30.11.2016)**

<b>Sr. No</b>	<b>States/UTs</b>	<b>Approved Solar Cities</b>
1	Andhra Pradesh	1. Vijayawada
		2. Kakinada*
		3. Narsapur Town
2	Assam	4. Guwahati
		5. Jorhat
3	Arunachal Pradesh	6. Itanagar
4	Bihar	7. Gaya*
5	Chandigarh	8. Chandigarh
6	Chhattisgarh	9. Bilaspur
		10. Raipur
7	Gujarat	11. Rajkot
		12. Gandhinagar
		13. Surat
8	Goa	14. Panaji City
9	Haryana	15. Gurgram
		16. Faridabad
10	Himachal Pradesh	17. Shimla
		18. Hamirpur
11	Karnataka	19. Mysore
		20. Hubli-Dharwad
12	Kerala	21. Thiruvananthapuram*
		22. Kochi
13	Maharashtra	23. Nagpur
		24. Thane
		25. Kalyan-Dombivli
		26. Aurangabad
		27. Nanded
		28. Pune*
14	Madhya Pradesh	29. Shirdi
		30. Indore*
		31. Gwalior
		32. Bhopal
		33. Jabalpur*
34. Rewa		
15	Manipur	35. Imphal
16	Mizoram	36. Aizawl
17	Nagaland	37. Kohima
		38. Dimapur
18	Delhi	39. New Delhi (NDMC area)
19	Odisha	40. Bhubaneswar
20	Punjab	41. Amritsar

<b>Sr. No</b>	<b>States/UTs</b>	<b>Approved Solar Cities</b>
		42.Ludhiana
		43.SAS Nagar (Mohali)
21	Rajasthan	44.Ajmer
		45.Jaipur*
		46.Jodhpur
22	Tamil Nadu	47.Coimbatore
23	Telangana	48.Mahbubnagar*
24	Tripura	49.Agartala
25	Uttarakhand	50.Dehradun
		51.Haridwar & Rishikesh
		52.Chamoli –Gopeshwar
26	Uttar Pradesh	53.Agra
		54.Moradabad
		55.Allahabad
27	West Bengal	56.Howrah
		57.Madhyamgram
		58.New Town Kolkata
28	Jammu & Kashmir	59.Leh*
29	Puducherry	60.Puducherry

\*In-principle approval given.

**ANNEXURE-II REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA  
UNSTARRED QUESTION NO. 4786 FOR 15.12.2016**

**(I) STATE WISE FINANCIAL ASSISTANCE RELEASED AND CAPACITY OF  
SOLAR PARKS**

<b>Sl. No.</b>	<b>State</b>	<b>Name of Solar Park</b>	<b>Capacity (MW)</b>	<b>Total (Rs. in Crore)</b>
1.	Andhra Pradesh	Ananthapuramu solar park	1500	136.40
2.	Andhra Pradesh	Kurnool solar park	1000	91.15
3.	Andhra Pradesh	Kadapa solar park	1000	10.35
4.	Andhra Pradesh	Ananthapuramu-II solar park	500	5.30
5.	Arunachal Pradesh	Lohit solar park	100	1.075
7.	Chhattisgarh	Solar Park in Chhattisgarh	500	0.25
8.	Gujarat	Radnesada solar park	700	33.45
9.	Haryana	Solar Park in Haryana	500	0.25
10.	Himachal Pradesh	Solar Park in HP	1000	0.25
11.	Jammu and Kashmir	Solar Park in J&K	100	0.25
12.	Karnataka	Pavagada solar park	2000	181.80
13.	Kerala	Kasargode solar park	200	2.27
14.	Madhya Pradesh	Neemuch-Mandsaur solar park	500	0.27
15.	Madhya Pradesh	Rewa solar park	750	68.32
16.	Madhya Pradesh	Rajgarh-Morena Solar Park	500	0.25
17.	Madhya Pradesh	Chhatarpur solar park	500	0.25
18.	Maharashtra	Sai Guru solar park	500	5.30
19.	Maharashtra	Patoda solar park	500	5.30
20.	Maharashtra	Dandoicha solar park	500	0.25
21.	Meghalaya	Solar Park in Meghalaya	20	0.25
22.	Nagaland	Solar Park in Nagaland	60	0.25
23.	Odisha	Solar Park in Odisha	1000	0.25
24.	Rajasthan	Bhadla Ph-II solar park	680	61.80
25.	Rajasthan	Bhadla Ph-III solar park	1000	50.75
26.	Rajasthan	Bhadla Ph-IV solar park	500	15.40
27.	Rajasthan	Phalodi-Pokaran solar park	1000	0.25
28.	Rajasthan	Fatehgarh 1B solar park	421	0.25
29.	Telangana	Gattu solar park	500	0.36
30.	Uttar Pradesh	UP solar park	600	20.97
31.	Uttarakhand	SIIDCUL Solar Park	50	2.61
32.	West Bengal	Solar Park in West Bengal	500	2.37

**(II) State-wise funds released to Solar Cities (As on 30.11.2016)**

(Rs. in crore)

<b>Sr. No</b>	<b>States/UTs</b>	<b>Approved Solar Cities</b>	<b>Funds Released</b>
1	Andhra Pradesh	1. Vijayawada	0.90
		2. Kakinada*	0.00
		3. Narsapur Town	0.00
2	Assam	4. Guwahati	0.08
		5. Jorhat	0.24
3	Arunachal Pradesh	6. Itanagar	0.16
4	Bihar	7. Gaya*	0.00
5	Chandigarh	8. Chandigarh	8.11
6	Chhattisgarh	9. Bilaspur	0.12
		10. Raipur	0.12
7	Gujarat	11. Rajkot	0.35
		12. Gandhinagar	0.14
		13. Surat	1.11
8	Goa	14. Panaji City	0.02
9	Haryana	15. Gurgaon	0.07
		16. Faridabad	0.28
10	Himachal Pradesh	17. Shimla	1.52
		18. Hamirpur	0.27
11	Karnataka	19. Mysore	0.85
		20. Hubli-Dharwad	0.02
12	Kerala	21. Thiruvananthapuram*	0.00
		22. Kochi	0.19
13	Maharashtra	23. Nagpur	2.14
		24. Thane	0.51
		25. Kalyan-Dombivli	0.25
		26. Aurangabad	0.08
		27. Nanded	0.04
		28. Pune*	0.00
14	Madhya Pradesh	29. Shirdi	0.02
		30. Indore*	0.00
		31. Gwalior	0.10
		32. Bhopal	0.19
		33. Jabalpur*	0.00
15	Manipur	34. Rewa	0.14
		35. Imphal	0.04
16	Mizoram	36. Aizawl	2.53
17	Nagaland	37. Kohima	0.20
		38. Dimapur	0.04
18	Delhi	39. New Delhi (NDMC area)	0.00
19	Odisha	40. Bhubaneswar	0.04

<b>Sr. No</b>	<b>States/UTs</b>	<b>Approved Solar Cities</b>	<b>Funds Released</b>
20	Punjab	41. Amritsar	0.12
		42. Ludhiana	0.12
		43. SAS Nagar (Mohali)	0.02
21	Rajasthan	44. Ajmer	0.01
		45. Jaipur*	0.00
		46. Jodhpur	0.02
22	Tamil Nadu	47. Coimbatore	0.24
23	Telangana	48. Mahbubnagar*	0.00
24	Tripura	49. Agartala	1.37
25	Uttarakhand	50. Dehradun	0.13
		51. Haridwar & Rishikesh	0.05
		52. Chamoli –Gopeshwar	0.14
26	Uttar Pradesh	53. Agra	0.39
		54. Moradabad	0.25
		55. Allahabad	0.02
27	West Bengal	56. Howrah	0.04
		57. Madhyamgram	0.26
		58. New Town Kolkata	0.11
28	Jammu & Kashmir	59. Leh*	0.00
29	Puducherry	60. Puducherry	0.00
	<b>Total</b>		<b>24.16</b>

\*In-principle approval given.