

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO. 2053
TO BE ANSWERED ON 28.07.2016

Electricity Production Capacity through Solar Rooftop Systems

2053. **SHRI VIJAY KUMAR HANSDAK:**
DR RAMESH POKHRIYAL “NIHSHANK”:
SHRI BHARAT SINGH:

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

- (a) the electricity production capacity through solar rooftop systems in the country, State/UT-wise;
- (b) the budgetary allocation made by the government to various states for generating electricity through solar rooftop systems during the last years and the current year, State-wise;
- (c) the target fixed by the Government for generation of electricity through solar rooftop systems during the next five years, State/UT-wise;
- (d) whether the Government has signed any agreement with the foreign agencies for cooperation in this field; and
- (e) if so, the details thereof?

ANSWER

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

(a): So far, 315.8 MWp grid connected solar rooftop systems have been installed in the country. State-wise breakup is given in Annexure I.

(b): Rs. 5000 Crore has been approved upto year 2019-20 for implementation of grid connected solar rooftop and small power plants. However, no separate State-wise budgetary allocation is being made. An amount of Rs. 356.22 Crore has been released under the “Grid Connected Rooftop Solar and Small Solar Power Plants programme” during the last three years and the current year. State-wise breakup is given in Annexure II.

(c): The Government has a target of installation of aggregate capacity of 40,000MWp grid connected rooftop solar power by year 2022. The State-wise target is given in Annexure III.

(d): Yes Madam. The Government has signed a Memorandum of Understanding with Germany for co-operation on Solar Energy Partnership in the area of solar rooftop, solar parks or solar zones and solar off- grid applications. The German side expressed their willingness to consider providing concessional

(e): loans of about 1 Billion Euros over the next five years through Kreditanstalt fur Wiederaufbau (KfW). These funds will be utilized for providing soft loans to the end-users through partner banks.

ANNEXURE I

ANNEXURE I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 2053 FOR 28.07.2016

STATEWISE INSTALLED CAPACITY

	State	Capacity Commissioned (MWp)
1	Andhra Pradesh	5.1
2	Assam	0.1
3	Bihar	0.6
4	Tamil Nadu	50.0
5	Chandigarh	8.0
6	Gujarat	37.0
7	Punjab	33.4
8	Jharkhand	0.4
9	J&K	1.0
10	Haryana	18.3
11	Himachal Pradesh	0.2
12	Kerala	1.2
13	Karnataka	18.0
14	Madhya Pradesh	4.1
15	Maharashtra	11.7
16	Mizoram	0.1
17	Odisha	0.9
18	Delhi	29.5
19	Rajasthan	6.2
20	Chhattisgarh	18.8
21	Telangana	15.9
22	Uttarakhand	6.1
23	Uttar Pradesh	17.8
24	West Bengal	2.6
A	Sub total	287.2
B	Others (Railways, Delhi Metro, Airport Authority of India, Other PSUs etc.)	28.6
	Total (A+ B)	315.8

ANNEXURE II

ANNEXURE II REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 2053 FOR 28.07.2016

STATE-WISE DETAILS OF FUNDS ALLOCATED AND RELEASED, DURING LAST 3 YEARS INCLUDING CURRENT YEAR FOR GRID CONNECTED SOLAR ROOFTOPS (RS. IN CRORE)

Sl. No.	State/UTs	Year 2013-14	Year 2014-15	Year 2015 -16	Year 2016-17	Total
		Released amount	Released amount	Released amount	Released amount	Released amount
1	Andhra Pradesh		2.41	3.87		6.28
2	Chhattisgarh			3.6		3.6
3	Delhi			5.76		5.76
4	Gujarat	1.03		4.5		5.53
5	Goa			1.44		1.44
6	Haryana			3.6		3.6
7	Kerala			4.68		4.68
8	Madhya Pradesh			1.24		1.24
9	Odisha			2.88		2.88
10	Punjab			9.22		9.22
11	Rajasthan			4.26		4.26
12	Tamil Nadu	0.51		8.23		8.74
13	Telangana			3.08		3.08
14	Uttarakhand		0.01	22.13		22.14
15	Uttar Pradesh			5.86		5.86
16	West Bengal			3.09		3.09
17	Chandigarh	0.62	6.12	9.79		16.53
18	Manipur			0.91		0.91
	Sub- Total	2.16	8.54	98.14		108.84
19	PSU/Govt. Departments/Banks			18.52	48.13	66.65
20	Solar Energy Corporation of India			128	50	178
21	Capacity Building programme			2.73		2.73
	Total	2.16	8.54	247.39	98.13	356.22

ANNEXURE III REFERRED TO IN REPLY TO PART (c) OF LOK SABHA UNSTARRED QUESTION NO. 2053 FOR 28.07.2016

STATE-WISE DETAILS OF TARGETS ALLOCATED

Sr.no.	States	Target Total (MWp) by Year 2022
1	Andhra Pradesh	2000
2	Bihar	1000
3	Chhattisgarh	700
4	Delhi	1100
5	Gujarat	3200
6	Haryana	1600
7	Himachal Pradesh	320
8	Jammu & Kashmir	450
9	Jharkhand	800
10	Karnataka	2300
11	Kerala	800
12	Madhya Pradesh	2200
13	Maharashtra	4700
14	Orissa	1000
15	Punjab	2000
16	Rajasthan	2300
17	Tamil Nadu	3500
18	Telangana	2000
19	Uttarakhand	350
20	Uttar Pradesh	4300
21	West Bengal	2100
22	Arunachal Pradesh	50
23	Assam	250
24	Manipur	50
25	Meghalaya	50
26	Mizoram	50
27	Nagaland	50
28	Sikkim	50
29	Tripura	50
30	Chandigarh	100
31	Goa	150
32	Dadra and Nagar Haveli	300
33	Daman & Diu	
34	Puducherry	100
35	Andaman & Nicobar Islands	30
36	Lakshadweep	
	Total	40000

