

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2316
TO BE ANSWERED ON 16.03.2017

FUNDS UNDER JNNSM

2316. SHRI K.C. VENUGOPAL:

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

- (a) the funds sanctioned and released under Jawaharlal Nehru National Solar Mission (JNNSM) to various States including Kerala during each of the last three years and the current year, State-wise; and
- (b) the details of solar parks and ultra mega solar power projects started functioning under the Mission during the said period, State-wise?

ANSWER

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

(a): State-wise budgetary allocation is not made under the schemes/programmes. However, details of amount released by this Ministry for installation of solar energy projects during last three years and current year are given below:-

Year	Total funds sanctioned for release (Rs. Crore)
2013-14	692.28
2014-15	1158.19
2015-16	3146.24
2016-17 (as on 28.2.2017)	2140.92

State-wise details of funds released during the last three years and current year under few schemes are given at Annexure-I.

(b): 34 Solar Parks have been sanctioned in 21 States for solar power capacity of 20,000 MW. As on date, Ananthapuramu solar park in Andhra Pradesh, Bhadla-II solar park in Rajasthan, Kasargod solar park in Kerala are partly functional. The details of sanctioned solar parks and ultra-mega solar power projects under the Mission (JNNSM) are given at **Annexure-II**.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 2316 FOR 16.03.2017

DETAILS OF FUNDS RELEASED UNDER NATIONAL SOLAR MISSION

(I) PAYMENT SECURITY SCHEME

(As on 28.2.2017)

2013-14	2014-15	2015-16	2016-17 (as on 31-12-2016)
Released (Cr. Rs.)	Released (Cr. Rs.)	Released (Cr. Rs.)	Released (Cr. Rs.)
23.47	0	58.32	126.39

Note: State-wise break-up is not possible as the funds under the Scheme are being released to NTPC Vidyut Vyapar Nigam Limited (NVVN) for implementing Payment Security Mechanism for solar power plants being implemented through NVVN under Phase-I of National Solar Mission.

(II) PILOT-CUM-DEMONSTRATION PROJECT FOR DEVELOPMENT OF GRID-CONNECTED SOLAR PV POWER PLANTS ON CANAL BANKS AND CANAL TOPS

(As on 28.2.2017)

Funds released (by MNRE to SECI) and Utilised (Cr. Rs.)		
FY 2014-15	FY 2015-16	FY 2016-17
Released (Cr. Rs.)	Released (Cr. Rs.)	Released (Cr. Rs.)
69.0	0	0

State-wise details are given below:

CFA Released by SECI to Project Implementing Agencies Under Canal Top & Canal Bank Solar PV Scheme							
Sl. No.	State	Implementing Agency	Project Details		CFA Released (in Cr. Rs.)		
			Project Type	Capacity (MW)	FY 2015-16	FY 2016-17	Total (Cr. Rs.)
1	Andhra Pradesh	New and Renewable Energy Development Corporation of Andhra Pradesh (NREDCAP)	CT	1	0.58	0.32	0.90
2		Andhra Pradesh Power Generation Corporation Limited (APGENCO)	CB	5	1.50	1.50	3.00
3	Gujarat	Sardar Sarovar Narmada Nigam Limited (SSNNL)	CT & CB	10 & 15	10.50	10.32	20.82
4	Karnataka	Krishna Bhagya Jala Nigam Limited (KBJNL)	CT	10	4.82	3.39	8.21

5	Kerala	Kerala State Electricity Board Limited (KSEB)	CT&CB	2 & 1	1.50	1.21	2.71
6	Punjab	Punjab Energy Development Agency (PEDA)	CT	20	12.00	3.00	15.00
7	Uttar Pradesh	Uttar Pradesh Irrigation Department	CT	3.5 & 2.5	2.83	0.0	2.83
8	Uttarakhand	Uttarakhand Jal Vidyut Nigam Limited	CT & CB	1 & 19	6.30	6.30	12.60
9	West Bengal	West Bengal State Electricity Distribution Company Limited (WBSEDCL)	CB	10	3.00	4.80	7.80
10	Sub-Total of CFA to States		CT& CB	50 + 50	43.03	30.83	73.86

CT: Canal Top, CB: Canal Bank

(III) Funds released under Defence Scheme

S.No	Organization	Capacity	Location & State	Amount (in Cr)	Year	Remark
1	BEL	16 MW	OF, Medak, Telangana	3.7875	2015-16	a) This fund has been release to SECI for further disbursement to BEL. b) Fund released also includes SECI charges As Fund handing charges @ 1% of fund handled
				0.2525	2016-17	
2	BEL	10 MW	OF, Itarsi, MP	3.535	2016-17	
3	BEL	7.5 MW	OF, Bolangir, Odisha	2.65125	2016-17	
4	BEL	16 MW	Heavy Vehicle Factory, Avadi TN	4.04	2016-17	
5	BEL	10 MW	Gun Carriage factory, Jablapur, MP	2.525	2016-17	
6	BEL	10 MW	Vehicle Factory, Jabalpur, MP	2.525	2016-17	
			Total (in Cr)	19.31625		

(IV) Funds released under 5x2 Solarisation of Indo-Pak border scheme

S.No	Org	Capacity	Location & State	Amount (in Cr)	Year	Remark
1	Azure Power	5MW	Rajasthan	3.25725	2016-17	a) This fund has been release to SECI for further disbursement to M/s Azure Power. b) Fund released also includes SECI charges As Fund handing charges @ 1% of fund handled

(V) OFF-GRID SPV SCHEME**State-wise details of funds released for Solar Off grid applications for the last three years and current year****(Rs. In lakhs)****(as on 31.01.2017)**

1	States/UTs	2013-14	2014-15	2015-16	2016-17
2	Andhra Pradesh	29	3205	10368	3953
3	Arunachal Pradesh	428	261	57	38
4	Assam	304	57	439	895
5	Bihar	350	648	1541	0
6	Chhattisgarh	1115	3014	3327	6543
7	Delhi	0	102	124	0
8	Gujarat	7	1689	1797	0
9	Haryana	0	624	1922	2608
10	Himachal Pradesh	2098	1628	4100	0
11	Jammu & Kashmir	3697	1915	4395	2650
12	Jharkhand	0	651	1551	2466
13	Karnataka	840	834	66	0
14	Kerala	0	2370	965	3886
15	Lakshadweep	645	0	375	2359
16	Madhya Pradesh	0	1570	41	0
17	Maharashtra	0	3431	2442	0
18	Manipur	369	147	1160	0
19	Meghalaya	502	573	312	0
20	Mizoram	394	702	753	520
21	Nagaland	425	350	555	914
22	Odisha	0	1294	195	1129
23	Puducherry	0	26	0	0
24	Punjab	203	1024	824	0
25	Rajasthan	1248	11489	20063	0

26	Sikkim	820	141	28	6711
27	Tamil Nadu	2029	2939	8262	151
28	Telangana	0	2232	1502	0
29	Tripura	0	113	347	0
30	Uttarakhand	4057	115	2510	0
31	Uttar Pradesh	17	4481	3851	373
32	West Bengal	0	167	34	1861
33	Chandigarh	0	276	0	0
34	Others/NABARD/Channel Partners etc.	13059	13411	26515	1053
	Total	32636	61479	100421	38110

(VI) DEVELOPMENT OF SOLAR PARKS AND ULTRA MEGA SOLAR POWER PROJECTS**(as on 28.02.2017)**

S.No.	State	Name of Solar Park	2014-15 (Rs. In Cr.)	2015-16 (Rs. In Cr.)	2016-17 (Rs. In Cr.)
1	Andaman & Nicobar	Solar Park in A & N	0	0.2525	0
2	Andhra Pradesh	Ananthapuramu Solar Park	73.5775	63.015	0
3	Andhra Pradesh	Kurnool Solar Park	50.7525	40.4	0
4	Andhra Pradesh	Kadapa Solar Park	0	0	10.35
5	Andhra Pradesh	Ananthapuramu-II Solar Park	0	0	5.3
6	Arunachal Pradesh	Lohit Solar Park	0	0.25	0.824665
7	Chhattisgarh	Solar Park in Chhattisgarh	0	0.25	0
8	Gujarat	Radnesada Solar Park	2.7775	30.667135	0
9	Haryana	Solar Park in Haryana	0	0.25	0
10	Himachal Pradesh	Solar Park in HP	0	0.2525	0
11	Jammu and Kashmir	Solar Park in J&K	0	0	0.25
12	Karnataka	Pavagada Solar Park	0	90.5	80.8
13	Kerala	Kasargode Solar Park	0	2.27	0
14	Madhya Pradesh	Neemuch-Mandsaur Solar Park	1.515	0	0
15	Madhya Pradesh	Rewa Solar Park	1.515	31.98	30.3
16	Madhya Pradesh	Rajgarh-Morena Solar Park	0	0	0.25
17	Madhya Pradesh	Chhatarpur Solar Park	0	0	0.25
18	Madhya Pradesh	Agar-Shajapur Solar Park	0	0	0
19	Maharashtra	Sai Guru Solar Park	0	0.25	5.05
20	Maharashtra	Patoda Solar Park	0	0.25	5.05
21	Maharashtra	Dandoicha Solar Park	0	0.25	0
22	Meghalaya	Solar Park in Meghalaya	0	0.25	0

S.No.	State	Name of Solar Park	2014-15 (Rs. In Cr.)	2015-16 (Rs. In Cr.)	2016-17 (Rs. In Cr.)
23	Nagaland	Solar Park in Nagaland	0	0.25	0
24	Odisha	Solar Park in Odisha	0	0	0.25
25	Punjab*	Solar Park in Punjab	3.03	0	0
26	Rajasthan	Bhadla Ph-II Solar Park	33.7775	28.272	0
27	Rajasthan	Bhadla Ph-III Solar Park	0	46.2525	4.5
28	Rajasthan	Bhadla Ph-IV Solar Park	0	0.25	27.27
29	Rajasthan	Phalodi-Pokaran Solar Park	0	0.25	0
30	Rajasthan	Fatehgarh 1B Solar Park	0	0.25	0
31	Rajasthan	RVPN (External Transmission For Bhadla Ph-II, III And IV)	0	0	50.81451
32	Rajasthan**	Jaisalmer Ph I	0	10.3525	0
33	Telangana	Gattu Solar Park	2.7775	0	0
34	Uttar Pradesh	UP Solar Park	2.7775	18.261	0
35	Uttarakhand	Siidcul Solar Park	0	0.25	2.3558249
36	West Bengal	Solar Park in West Bengal	0	0.2525	2.121
37.	Andhra Pradesh	PGCIL (External Transmission for Ananthapuramu Solar Park)	0	0	26.74
38.	Karnataka	PGCIL (External Transmission for Pavagada Solar Park)	0	0	28.28
39.	Rajasthan	PGCIL (External Transmission for Bhadla-III & Bhadla-IV Solar Park)	0	0	30.2592
Total			172.5	365.7276	311.0151999

* 3 Cr of Punjab Solar Park and 1.57 crore of interest accrued by SECI against CFA released in 2014-15 was adjusted in Rewa Solar Park, MP

** 10.25 Cr of Jaisalmer Ph I was adjusted in Pavagada Solar Park, Karnataka

29	PSU/Govt Department	0.00	0.00	0.00	0.00	116.05	0.00	392.70	18.52	243.04	56.73
30	SECI	70.90	42.68	140.44	0.00	148.92	0.00	1185.00	128.00	0.00	250.00
31	NISE							8.34	2.62		
32	TERI					0.17		0.22	0.09		
	others								0.02	11.03	9.38
	total	70.90	47.70	273.98	2.16	432.66	8.54	1678.21	247.38	2521.26	577.77

ANNEXURE-II REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 2316 FOR 16.03.2017

Details of solar Parks and Ultra Mega Solar Power Projects under the Mission (JNNSM)

Sl. No.	State	Capacity (MW)	Location
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

Sl. No.	State	Capacity (MW)	Location
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 & Purohitar, 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.