

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 626
ANSWERED ON 07.02.2023

FLOATING SOLAR POWER PROJECTS

626. DR. PRASHANTA NANDA

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

- (a) the details of under-constructed or commissioned floating solar power projects with their capacity, State-wise and Project-wise;
- (b) the number and details of water reservoirs identified for the construction of floating solar power projects, location-wise along with their capacity and estimated project cost; and
- (c) the details of FDI flow into this project in the last five years, State-wise and project-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) As per information available in Ministry of New and Renewable Energy, the details of under-construction or commissioned floating solar power projects are given at **Annexure-I**.

(c) Foreign Direct Investment (FDI) upto 100 per cent is permissible through automatic route for promotion of solar power generation in the country. The FDI data is maintained by Department for Promotion of Industry and Internal Trade (DPIIT). As reported by DPIIT, project-wise details of Foreign Direct Investment (FDI) flow is not maintained. It has further reported that the State-wise details of FDI Equity inflow are maintained w.e.f. October, 2019 onwards. Accordingly, the State-wise details of FDI equity inflow reported by DPIIT since October, 2019 till September, 2022 in the sub-sector 'Solar Energy' are given at **Annexure-II**.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) AND (b) OF RAJYA SABHA
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**STATE-WISE AND PROJECT-WISE DETAILS OF UNDER-CONSTRUCTION OR
COMMISSIONED FLOATING SOLAR POWER PROJECTS WITH THEIR CAPACITY**

Sr. No.	Project Name	Location/ State	Water Bodies/Reservoirs	Capacity (MW)	Remark
1	Ramagundam Floating Project (NTPC)	Ramagundam, Telangana	NTPC-Ramagundam reservoir	100	Commissioned
2	Kayamkulam Floating Project (NTPC)	Kayamkulam, Kerala	NTPC-Kayamkulam reservoir	92	Commissioned
3	Simhadri Floating Solar Project (NTPC)	Simhadri, AP	NTPC- Simhadri reservoir	25	Commissioned
4	Kawas Floating Solar Project (NTPC)	Kawas, Gujarat	NTPC Kawas Gas based power station reservoir	25	Commissioned
5	Floating Solar Project (NTPC)	Auraiya, UP	NTPC Auraiya Gas Power Station reservoir	20	Commissioned
6	Floating Projects (Municipal Corporation)	Visakhapatnam , AP	Mudasaralova & Meghadhrigadda Reservoir	4.42	Commissioned
7	Darbhangha & Supaul Floating Project (BREDA)	Darbhangha & Supaul, Bihar	Darbhangha & Supaul water body	2.12	Commissioned
8	Vythiri Floating Solar (KSEB)	Vythiri, Kerala	Vythiri water body	0.51	Commissioned
9	Dhanas Lake, Chandigarh (CREST)	Dhanas Lake, Chandigarh	Dhanas Lake	0.50	Commissioned
10	Floating Solar Projects - SECI Bidding	Rihand, UP	Rihand dam	150	Under different phases of implementation
11	Floating Solar Park (SECI)	Ranchi, Jharkhand	Getalsud dam	100	
12	DVC Floating Solar Park Ph-I (DVC)	Dhanbad, Jharkhand	Panchet and Tilaiya reservoir	755	
13	DVC Floating Solar Park Ph-I (DVC)	Dhanbad, Jharkhand	Maithon reservoir	234	
14	Floating Solar Park (NHPC)	Kollam, Kerala	West Kallada,	50	
15	Omkareswar Floating Solar Park (RUMSL)	Khandwa, MP	Omkareshwar Reservoir	600	
16	Floating Solar Park Ph-I (NHPC)	Angul, Odisha	Rengali Reservoir	100	
17	Floating Solar Park Ph-II (NHPC)	Angul, Odisha	Rengali Reservoir	200	
TOTAL				2458.55	

**ANNEXURE-II REFERRED TO IN REPLY TO PART (c) OF RAJYA SABHA
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STATEMENT ON STATE-WISE FDI EQUITY INFLOW FROM October 2019 TO September 2022 Sector: NON-CONVENTIONAL ENERGY Sub Sector: SOLAR ENERGY		
Sr. No.	State Name	Amount of FDI Equity Inflow Amount (In USD Million)
1	DELHI	755.8805
2	MAHARASHTRA	505.6836
3	GUJARAT	499.8749
4	TELANGANA	208.6794
5	KARNATAKA	201.5748
6	RAJASTHAN	188.0991
7	HARYANA	150.6473
8	TAMIL NADU	73.7306
9	MADHYA PRADESH	62.6917
10	UTTAR PRADESH	48.6983
11	PUNJAB	4.8091
12	WEST BENGAL	2.4549
13	ANDHRA PRADESH	2.3963
14	JHARKHAND	2.2704
15	CHANDIGARH	1.4529
16	KERALA	0.0034
	Gross-Total	2708.9472

**Source: FDI Cell of DPIIT. The Total FDI inflow includes equity inflow, equity capital of unincorporated bodies, re-invested earnings, and other capital. Sector/State/Country-wise details are maintained only for equity component of FDI inflow.*