

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 78
TO BE ANSWERED ON 20.07.2017

FOREIGN INVESTMENT IN SOLAR POWER GENERATION SECTOR

*78. SHRI MULLAPPALLY RAMACHANDRAN:

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

- (a) whether the Government has proposed foreign investment in solar power generation sector in the country;
- (b) if so, the details thereof;
- (c) whether the Government is planning to award contracts for the solar projects in the country; and
- (d) if so, the details thereof?

ANSWER

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

(a) to (d): A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 78 FOR ANSWER ON 17.07.2017 REG. FOREIGN INVESTMENT IN SOLAR POWER GENERATION SECTOR

(a) & (b): Foreign Direct Investment (FDI) up to 100 per cent is permissible through automatic route for promotion of renewable energy in the country. FDI equity inflow upto May, 2017 received in the Non-Conventional Energy sector, which includes foreign investment in solar power is given at Annexure-I.

(c) & (d): The Government has set a target of reaching 100 GW Grid connected solar capacity by 2022. Year-wise targets for solar power capacity installation are given below:

Year/Category	Rooftop Solar (in MW)	Large Scale Solar Power Projects(in MW)	Total
2015-16	200	1,800	2,000
2016-17	4,800	7,200	12,000
2017-18	5,000	10,000	15,000
2018-19	6,000	10,000	16,000
2019-20	7,000	10,000	17,000
2020-21	8,000	9,500	17,500
2021-22	9,000	8,500	17,500
Total	40,000	57,000	97,000*

*3,743 MW commissioned upto 2014-15.

Projects are taken up by Public Sector Undertakings e.g. Solar Energy Corporation of India, National Thermal Power Company Ltd., Coal India Ltd. etc. and State Governments. The status of tenders is given at Annexure-II.

**ANNEXURE-I REFERRED TO IN REPLY TO PARTS (a) & (b) OF LOK SABHA
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INVESTMENT IN SOLAR POWER GENERATION SECTOR**

**FINANCIAL YEAR WISE FDI EQUITY INFLOWS
FROM APRIL 2000 TO MAY 2017
Sector NON-CONVENTIONAL ENERGY**

SI No	Year (Apr-Mar)	FDI in US\$ million
1	2000-01	0.00
2	2001-02	0.00
3	2002-03	1.70
4	2003-04	4.14
5	2004-05	1.27
6	2005-06	1.35
7	2006-07	2.44
8	2007-08	58.82
9	2008-09	125.88
10	2009-10	622.52
11	2010-11	214.40
12	2011-12	452.17
13	2012-13	1,106.52
14	2013-14	414.25
15	2014-15	615.95
16	2015-16	776.51
17	2016-17	783.57
18	2017-18 (Apr to May- 2017)	412.41
	Grand Total	5,593.91

**ANNEXURE-II REFERRED TO IN REPLY TO PARTS (c) & (d) OF LOK SABHA
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STATUS OF TENDERS FOR NEW SOLAR PROJECTS

Sl. No.	Organisation	Scheme	Tender issued	Financial bid opened/RA	LOI issued	PPA signed	Commissioned	PPA signed but not commissioned
1	SECI	VGf Scheme	5860	4015	3265	3265	80	3185
2	Other CPSUs		1071	1005	699	699	74	625
3	Canal Bank/Top		100	100	90	90	16	74
4	NTPC Ltd	Bundling scheme	3000	2750	2750	2750	1190	1560
5	NTPC Ltd	Own/EP C	1785	1510	760	760	510	250
6	State Entity	State scheme	11129	8976	8476	7288	2934	4354
	Total		22945	18356	16040	14852	4804	10048
Tender issued but Financial bid not opened/RA not done								4589
Financial Bid opened/RA done but LOI not issued:								2315
LOI issued but PPA not Signed:								1188
PPA signed but not commissioned								10048