

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-624

TO BE ANSWERED ON-13.12.2018

INVESTMENT IN NRE SECTOR

624. SHRI RAJIV PRATAP RUDY

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

- (a) the details of foreign and domestic investment in the New and Renewable Energy (NRE) sector in the country during the last four years and the current year, country and State/UT-wise;
- (b) the details of the steps taken by the Government to attract investments from both within the country and overseas with a view to add additional power and to meet the target set for generation of power through renewable energy sources;
- (c) whether any consultation has been held with the Ministry of Finance for providing certain additional incentives to this sector and if so, the details thereof; and
- (d) the details of the private sector companies that are partnering with Government and co-investing in R&D and technology development?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

- (a) A total of 37.83 GW of renewable energy capacity has been added in the country during the last four years and the current year (up to October 2018) with an estimated investment of about Rs 196 thousand crore. As per Department of Industrial Policy & Promotion, the details of country-wise and State/UT-wise Foreign Direct Investment (FDI) equity inflows received in the renewable energy sector in the country during the last four years and the current year are given at **Annexure**.
- (b) The Government have taken various steps to attract investments from both within the country and overseas with a view to increase generation from renewable energy sources. These inter-alia, includes fiscal and promotional incentives such as capital subsidy, accelerated depreciation, waiver of Inter State Transmission System (ISTS) charges and losses, Viability Gap Funding (VGF) and permitting Foreign Direct Investment up to 100 per cent under the automatic route. Also, to ensure cheaper generation of renewable power, projects are awarded through transparent bidding process i.e. through e-reverse auction. Government has also issued standard bidding guidelines to enable the distribution licensees to procure power at competitive rates in cost effective manner.
- (c) The Ministry has approached Ministry of Finance for providing incentives to renewable energy sector, such as, Goods & Services Tax (GST) at concessional rate of 5% for renewable energy generating systems.
- (d) National Institute of Solar Energy (NISE) an R&D institution of this Ministry has been partnering with private sector companies such as Mahindra & Mahindra, Tata Motors, VS Saurya Enertech, etc. for technology development in field of solar energy and hydrogen fuel cells.

ANNEXURE

Annexure referred in reply to part (a) of the Lok Sabha Un-starred question number 624 for 13/12/2018 showing country-wise and State/UT-wise Foreign Direct Investment (FDI) equity inflows received in the renewable energy sector in the country during the last four years and the current year.

Statement on Financial Year & Country Wise FDI Equity Inflows from April 2014 to June 2018 in Renewable Energy Sector

Sl No	Country	2014-15 Apr-Mar	2015-16 Apr-Mar	2016-17 Apr-Mar	2017-18 Apr-Mar	2018-19 Apr-Jun	Total
		FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million
1	Australia	0.00	28.33	0.17	0.00	0.00	28.50
2	Bahrain	12.34	2.29	0.00	0.00	0.00	14.63
3	Belgium	0.00	0.03	0.00	0.00	11.50	11.52
4	Bulgaria	0.00	0.00	0.25	0.00	0.00	0.25
5	Canada	0.00	0.00	0.00	0.00	245.91	245.91
6	Cayman Islands	0.02	0.00	0.00	5.99	0.00	6.01
7	China	0.00	12.68	0.00	9.34	16.23	38.25
8	Cyprus	7.38	7.08	0.08	0.00	0.94	15.47
9	Denmark	0.00	1.12	0.00	0.70	0.00	1.81
10	France	30.71	25.38	38.66	15.60	1.22	111.58
11	Germany	14.14	0.17	50.03	4.61	5.01	73.97
12	HongKong	21.04	0.04	3.70	2.54	14.21	41.53
13	Israel	0.00	0.00	0.00	0.00	0.00	0.00
14	Italy	0.00	0.34	0.00	14.98	0.00	15.32
15	Japan	0.02	137.30	0.00	8.21	20.11	165.63
16	South Korea	0.00	21.52	0.00	0.00	0.00	21.52
17	Kuwait	0.00	0.00	0.00	0.00	0.09	0.09
18	Luxembourg	26.62	10.32	20.31	3.82	0.70	61.77
19	Malaysia	77.18	0.00	0.00	0.00	0.00	77.18
20	Mauritius	120.03	223.34	306.20	281.14	35.40	966.10
21	Netherlands	15.14	51.50	126.26	383.64	40.77	617.31
22	Philippines	0.00	0.00	44.69	0.00	0.00	44.69
23	Portugal	0.00	0.00	0.00	0.00	0.00	0.00
24	Qatar	0.00	0.08	0.00	0.00	0.00	0.08
25	Saudi Arabia	0.26	0.00	0.00	0.00	0.00	0.26
26	Singapore	141.18	160.66	106.71	326.51	6.31	741.36
27	Spain	80.59	14.73	19.52	21.64	0.01	136.49
28	Sweden	0.02	0.01	0.00	0.03	0.00	0.06
29	Slovenia	0.00	0.03	0.00	0.00	0.00	0.03
30	Switzerland	0.00	0.00	0.00	0.04	0.00	0.04

31	Syria	0.00	0.00	0.00	0.00	0.00	0.00
32	Turkey	0.00	0.00	0.00	0.00	0.00	0.00
33	UAE	2.46	1.12	3.04	0.00	0.00	6.63
34	United Kingdom	11.72	16.83	60.39	89.12	28.81	206.88
35	U.S.A	22.61	61.63	3.51	36.55	25.67	149.97
36	British Virginia	0.00	0.00	0.02	0.00	0.00	0.02
37	Georgia	0.00	0.00	0.00	0.00	0.00	0.00
38	Seychelles	32.50	0.00	0.00	0.00	0.00	32.50
	Grand Total	615.95	776.51	783.57	1,204.46	452.89	3,833.38

Statement on Financial Year & State/UT wise FDI Equity Inflows from April 2014 to June 2018 in Renewable Energy Sector

Sl No	Regional Offices of RBI	States Covered	2014-15 Apr-Mar	2015-16 Apr-Mar	2016-17 Apr-Mar	2017-18 Apr-Mar	2018-19 Apr-Jun	Total
			FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million	FDI in US\$ million
1	HYDERABAD	ANDHRA PRADESH	18.33	58.00	150.31	143.51	27.94	398.09
2	PATNA	BIHAR, JHARKHAND	0.00	0.00	0.00	0.08	0.00	0.08
3	AHMEDABAD	GUJARAT	0.07	27.54	19.22	75.72	0.24	122.79
4	BANGALORE	KARNATAKA	7.01	29.08	21.21	34.20	8.96	100.45
5	BHOPAL	MADHYA PRADESH, CHATTISGARH	83.25	0.00	0.41	0.00	0.00	83.67
6	MUMBAI	MAHARASHTRA, DADRA & NAGAR HAVELI, DAMAN & DIU	12.79	160.08	127.64	53.45	7.35	361.31
7	BHUBANESHWAR	ORISSA	0.02	0.00	0.00	0.00	0.00	0.02
8	JAIPUR	RAJASTHAN	3.13	1.53	0.94	4.38	0.00	9.99
9	CHENNAI	TAMIL NADU, PONDICHERRY	278.03	23.49	37.44	170.86	1.06	510.88
10	KANPUR	UTTAR PRADESH, UTTRANCHAL	0.00	6.91	0.00	0.00	0.00	6.91
11	KOLKATA	WEST BENGAL, SIKKIM, ANDAMAN & NICOBAR ISLANDS	12.34	0.00	0.00	0.00	0.00	12.34
12	CHANDIGARH	CHANDIGARH, PUNJAB, HARYANA, HIMACHAL PRADESH	0.00	0.25	0.00	0.00	0.00	0.25
13	NEW DELHI	DELHI, PART OF UP AND HARYANA	188.75	312.85	395.44	705.40	381.44	1,983.87
14	REGION NOT INDICATED	REGION NOT INDICATED	12.24	156.77	30.96	16.87	25.91	242.75
		Grand Total	615.95	776.51	783.57	1,204.46	452.89	3,833.38