

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2163
TO BE ANSWERED ON 10.03.2016

FUNDING OF RENEWABLE ENERGY PROJECTS BY BANKS

2163. SHRI PINAKI MISRA:

SHRI KONDA VISHWESHWAR REDDY:

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

- (a) whether the National and Foreign banks have offered to finance various Renewable Energy Projects in the country. If so, the details thereof;
- (b) the details of loans sanctioned and disbursed by these banks for solar energy projects in the country during the last three years and the utilization reported therefrom project-wise, State/UT-wise;
- (c) the steps taken by the Government to ensure that these Banks do not get entangled into unnecessary delaying procedural hassles;
- (d) whether the Government proposes to provide a single window/nodal agency to these banks for approval/clearance for developing Renewable Energy Projects; if so, the details thereof; and
- (e) the details of non-performing assets (NPAs) in the renewable energy sector and the steps taken/being taken by the Government to reduce these NPAs?

ANSWER

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

(a)&(b): 24 Public Sector & 8 Private Sector Banks and 4 Public Sector & 2 Private Sector Non-Banking Financial Companies (NBFCs) have committed for financing renewable energy projects of 76352 MW capacity with an outlay of Rs. 3,82,255 crore over 5 years through green commitment certificates. These Banks and Financial Institutions (FIs) have supported projects of 25318 MW capacity with sanctioned and released amount of Rs. 63473 crores and 26105 crores respectively, as on 31 December 2015 after giving the commitments. A list containing details of Banks/FIs is given at Annexure I.

Efforts are also being made to mobilise funds for the renewable energy sector from multilateral and bilateral banks such as The World Bank, Asian Development Bank, National Development Bank and Asia Infrastructure Development Bank and are at various stages of approvals. List of these organisations with funding under consideration is given at Annexure II.

(c): The Government keeps reviewing the progress with banks from time to time.

(d): No proposal at present as banks have their own procedures.

(e): Details of Non - Performing Assets (NPA) in respect of 3 main Financial Institutions namely - Power Finance Corporation Limited (PFC), India Infrastructure Finance Company Limited (IIFCL) and Rural Electrification Corporation (REC) is given at Annexure III.

Annexure-I referred to in reply to parts (a)&(b) of the Lok Sabha Unstarred Question No. 2163 for 10th March, 2016

Status of Implementation of Green Energy Commitments (GEC) for Financing of RE Projects as on December, 2015**A. Public Sector Banks:**

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Bank/FI	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)					Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others	Total RE Capacity		
1	State Bank of India	15,000 (75,000)	760.90	311.73	9.00	0.00	1,081.63	3,964.86	930.59
2	Bank of India	2,000 (10,000)	738.00	199.50	0.00	0.00	937.50	1,297.11	0.00
3	Bank of Baroda	2,500 (12,500)	261.00	326.03	35.00	20.15	642.18	1275.85	310.58
4	State Bank of Bikaner & Jaipur	244 (1,600)	56.07	124.63	0.00	9.90	190.60	866.64	539.07
5	IDBI Bank	3,000 (14,700)	91.00	589.20	24.00	0.00	704.20	831.95	274.95
6	Oriental Bank of Commerce	80 (240)	189.51	233.10	0.00	0.00	422.61	785.36	49.57
7	Bank of Maharashtra	1,500 (7,500)	190.85	571.30	0.00	0.00	762.15	715.20	312.36
8	Syndicate Bank	500 (2,500)	150.11	116.97	0.00	18.50	285.58	675.23	347.34
9	Central Bank of India	500 [#] (2,500)	50.00	395.10	0.00	0.00	445.10	630.00	236.69
10	Union Bank Of India	1,500 (7,500)	200.00	201.40	0.00	15.00	416.40	586.50	105.55
11	United Bank of India	200 (1,000)	115.00	309.20	0.00	0.00	424.20	438.00	101.00
12	Indian Bank	220 (1,100)	200.00	323.50	0.00	0.00	523.50	430.52	72.76

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Bank/FI	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)				Total RE Capacity	Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others			
13	State Bank of Travancore	250 (1,250)	0.00	916.85	0.00	0.00	916.85	407.80	359.77
14	Andhra Bank	1,000 (5,000)	122.50	24.00	1.80	6.00	154.30	382.61	5.00
15	Punjab National Bank	500 (2,500)	45.00	20.00	110.00	10.00	185.00	326.84	241.05
16	State Bank of Mysore	285 (2,000)	70.00	278.60	0.00	0.00	348.60	286.00	78.52
17	State Bank of Patiala	100 (500)	160.00	499.70	0.00	55.00	714.70	284.88	162.73
18	Canara Bank	320 (1,600)	62.00	81.30	0.00	0.00	143.30	224.70	20.75
19	Indian Overseas Bank	400 (2,000)	205.00	61.10	0.00	7.50	273.60	150.11	2.78
20	Vijaya Bank	200 (1,000)	0.00	199.70	0.00	0.00	199.70	105.80	0.00
21	Dena Bank	200 (1,000)	27.00	100.80	0.00	15.00	142.80	99.74	16.57
22	Corporation Bank	1,000 (5,000)	0.00	0.00	25.00	0.00	25.00	46.00	0.00
23	UCO Bank	100 (500)	0.57 (Capacity of 17 projects not mentioned)	0.00	0.00	0.00	0.57 (Capacity of 17 projects not mentioned)	13.97	13.97
24	Bharatiya Mahila Bank Ltd.	50 (250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (A)		31,649 (1,58,740)	3,694.51	5,883.71	204.80	157.05	9,940.07	14,825.67	4,181.60

Note: (i) Bhartiya Mahila Bank Ltd. has reported ZERO loan sanctions and ZERO disbursements upto December, 2015.

(ii) ## Information upto December 2015 is awaited/ Reminder sent.

B. Non-Banking Financing Companies (NBFCs) { Public sector}:

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Bank/FI	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)				Total RE Capacity	Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others			
1	Indian Renewable Energy Development Agency Limited (IREDA)\$	6,000 (30,000)	972.00	761.45	105.95	97.00	1,936.40	5,764.26	2,925.49
2	India Infrastructure Finance Company Ltd (IIFCL)#	4,000 (20,000)	729.00	1,695.15	24.00	0.00	2,448.15	3,262.05	1,544.86
3	Power Finance Corporation Ltd. (PFC & PFC Green Energy Ltd.)	3,000 (15,000)	419.63	395.50	102.70	183.00	1,100.83	1,821.80	1,358.86
4	Rural Electrification Corporation Limited (RECL)	1,500	288.06	22.80	21.00	6.00	337.86	957.31	249.97
Total (B)		14,500 (72,500)	2,408.69	2,874.90	253.65	286.00	5,823.24	11,805.42	6,079.18

Note: \$ Financing against Bridge Loans, Securitization Loan, Loan towards Advance Payments, Short Term Loans, Line of Credits, Loans for # Evacuation Facilities & Manufacturing etc. after 15 February, 2015 and Disbursements effected after 15th February, 2015 against Projects Sanctioned prior to 15th February, 2015 included.

Status of Implementation of Green Energy Commitments (GEC) for Financing of RE Projects
As on December, 2015

C. Private Sector Banks:

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Bank/FI	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)				Total RE Capacity	Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others			
1	Yes Bank	5,000	1,011.00	927.75	99.00	0.00	2,037.75	9,336.50	4,879.70
2	IndusInd Bank	2,000 (10,000)	1,282.80	325.40	0.00	0.00	1,608.20	4,617.10	2,412.98
3	ICICI Bank	7,500 (37,500)	329.65	465.75	0.00	0.00	795.40	3,694.41	624.46
4	Axis Bank	2,000 (10,000)	25.00	397.00	0.00	0.00	422.00	2,242.00	998.49
5	HDFC Bank	400 (2,000)	50.00	6.00	0.00	0.00	56.00	232.00	103.46
6	The Lakshmi Vilas Bank Ltd.	200 (1,000)	3.00	280.25	15.00	9.00	307.25	200.13	134.73
7	South Indian Bank	600 (3,000)	0.00	459.90	0.00	0.00	459.90	163.45	159.03
8	Coastal Local Area Bank	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (C)		17,703 (88,515)	2,701.45	2,862.05	114.00	9.00	5,686.50	20,485.59	9,312.85

Note: (i) Coastal Local Area Bank has reported ZERO loan sanctions and ZERO disbursement upto July, 2015.

Information upto December 2015 is awaited. Reminder sent.

D. Non-Banking Financing Companies (NBFCs) { Private Sector}:

1	2	3	4	5	6	7	8	9	10	
Sl. No.	Name of the Bank/FI	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)					Total RE Capacity	Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others	Total RE Capacity			
1	L & T Infrastructure Finance Company Ltd.	6,500 (32,500)	701.35	2,418.30	128.40	10.00	3,258.05	13,807.40	4,263.00	
2	PTC India Financial Services Ltd.	6,000 (30,000)	339.50	270.70	0.00	0.00	610.20	2,549.15	2,268.98	
Total (D)		12,500 (62,500)	1,040.85	2,689.00	128.40	10.00	3,868.25	16,356.55	6,531.98	

Status of Implementation of Green Energy Commitments (GEC) for Financing of RE Projects -Public Sector and Private Sector Banks & FIs As on December, 2015

1	2	3	4	5	6	7	8	9	10
Sl. No.	Category of Banks & Financial Institutions	Commitment Made to Finance RE Projects in MW (Rs. in Cr.)	Capacity of Renewable Energy Projects Financed (MW)					Total Amount Sanctioned (Rs. in Cr.)	Total Amount Disbursed (Rs. in Cr.)
			Solar	Wind	Small Hydro	Others	Total RE Capacity		
A	Public Sector Banks	31,649 (1,58,740)	3,694.51	5,883.71	204.80	157.05	9,940.07	14,825.67	4,181.60
B	Public Sector NBFCs	14,500 (72,500)	2,408.69	2,874.90	253.65	286.00	5,823.24	11,805.42	6,079.18
C	Private Sector Banks	17,703 (88,515)	2,701.45	2,862.05	114.00	9.00	5,686.50	20,485.59	9,312.85
D	Private Sector NBFCs	12,500 (62,500)	1,040.85	2,689.00	128.40	10.00	3,868.25	16,356.55	6,531.98
Grand Total (A) + (B) + (C) + (D)		76,352 (MW) (3,82,255)	9,845.50	14,309.66	700.85	462.05	25,318.06	63,473.23	26,105.61

Annexure-II referred to in reply to parts (a)&(b) of the Lok Sabha Unstarred Question No. 2163 for 10th March, 2016

List of Multilateral and Bilateral Organisation and Proposed Funding for RE Sector

A. Solar Parks

Sl. No.	Proposal	Financing Agency	Financial Assistance Sought	Status
1.	Financing of shared infrastructure of solar parks in Karnataka, Madhya Pradesh, Andhra Pradesh, Telangana, Odisha, Himachal Pradesh, Chhattisgarh and any other upcoming Solar Parks under MNRE Scheme.	World Bank	World Bank: 150 CTF: 50 TOTAL: 200 million USD	Under approval
2.	Financing of shared infrastructure of solar parks in Uttar Pradesh, Kerala, Chhattisgarh, Rajasthan and Tamil Nadu	ADB	ADB: 50 CTF: 50 TOTAL: 100 million USD	Under approval
3.	Investment for innovation in Solar Power and Hybrid Technologies by SECI	World Bank	World Bank: 180 CTF: 20 TOTAL: 200 million USD	Under consideration
4.	Proposal for creating infrastructure for evacuation of power from solar parks by PGCIL	World Bank	World Bank: 270 CTF: 30 TOTAL: 300 million USD	Under approval
5.	Proposal for creating infrastructure for evacuation of power from solar parks by PGCIL	ADB	ADB: 350 CTF: 50 TOTAL: 400 million USD	Under approval

B. Solar Rooftop

- i) World Bank – USD 500 million + Clean Technology Fund of USD 120 million
- ii) Asian Development Bank - USD 500 million
- iii) KfW, Germany - One Billion Euro (for solar rooftops, decentralized applications and solar parks)

Annexure-III referred to in reply to part (e) of the Lok Sabha Unstarred Question No. 2163 for
10th March, 2016

Details of Non - Performing Assets (NPA) in Renewable Energy Sector Projects

Organization	No. of RE Projects	Amount Sanctioned (Rs. in crore)	Amount Disbursed (Rs. in crore)	Non-Performing Assets (NPA)
Power Finance Corporation Limited	42	1,836	999	Nil
Rural Electrification Corporation	14	1005.31	521.7	5 Borrowers for a total outstanding loan value of Rs.40.33 crore
India Infrastructure Finance Company Limited	25	1,626	687	Nil