

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2240
TO BE ANSWERED ON 10.03.2016

NATIONAL CLEAN ENERGY FUND (NCEF)

2240. SHRI A.T NANA PATIL:
SHRI KESINENI NANI:
SHRI KRUPAL BALAJI TUMANE:
SHRI P.KUMAR:

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

- (a) the amount of funds collected/available in the National Clean Energy Fund (NCEF) during the last three years and the current year;
- (b) whether the clean energy research programmes and projects have been financed from the NCEF during the said period, if so, the details thereof along with the results of these research projects and achievements therefrom, project-wise;
- (c) whether any research programme/initiatives funded by the NCEF has been successful in developing a clean energy technology and has been commercialised, if so, the details thereof;
- (d) whether the government has set up/proposes to set up any renewable energy project with the usage of NCEF; and
- (e) if so, the details thereof and the steps taken by the Government for the optimum utilization of funds meant for the development of renewable energy sources in the country?

ANSWER

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

(a): The information is placed at Annexure I.

(b),(c),(d)&(e): The Government is already setting up projects under NCEF. Details of projects sanctioned including research project during the last 3 Years are placed at Annexure-II.

The steps taken by the Government for optimum utilization of funds including NCEF funds are as follows:

To ensure proper utilization of the funds, the Ministry of New & Renewable Energy (MNRE) obtains periodic physical & financial progress reports, utilization certificates & audited statements of expenditure. To encourage and motivate the State Departments/State Nodal Agencies and other Stakeholders for timely utilization of funds, meetings are convened with them periodically to review the progress of projects and the pace of utilization of funds and to address their problems in effective implementation of schemes/programmes. State Nodal Officers in the MNRE also undertakes inspection visits to project sites to ascertain the quantity and quality of project implementation and systems deployed, etc.

Annexure-I

Annexure referred to in reply to part (a) of Lok Sabha Unstarred Question No. 2240 for 10.03.2016 regarding National Clean Energy Fund (NCEF)

Details of Fund Position in NCEF

(Rs. in Crore)

Year	Coal Cess Collected	Amount transferred to NCEF	Amounts financed from NCEF for projects
2013-2014	3,471.98	1,650.00	1218.78
2014-2015	5393.46	4,700.00	3588.00
2015-16 (RE)	12,623.33	4,700.00	5127.09
2016-17(BE)	26148.20	8447.00	-
Total		19497.00	9,933.87

Annexure II

**Annexure referred to in reply to parts (b),(c)(d)&(e) of Lok Sabha Unstarred
Question No. 2240 for 10.03.2016 regarding National Clean Energy Fund
(NCEF)**

Following is a statement of the projects, recommended for funding by the Inter
Ministerial Group (IMG), constituted to recommend the funding under
NCEF

(This is upto the last IMG Meeting, i.e. the 12th IMG which took place on
30.04.2015):

S. No.	Ministry / Deptt.	Project	Amount approved by IMG (in crore)
F.Y. 2011-12			
1	MNRE	Solar Water Heaters	64.14
2	MNRE	SPV System in 6 States	85.88
3	MNRE	Refinancing through NABARD	46.80
4	MoE&F	Remediation of Hazardous Waste Sites	60.00
5	MoE&F	Green India Mission	200.00
6	MoP	Flue Gas based Aqua Ammonia Power Cycle	8.00
7	MoP	Indigenous Development of 1200 kV Ultra High Voltage (UHV) AC transmission Technology-Establishment of 1200 kV National Test Station (R&D Project)	39.40
8	MNRE	Bihar SaurkrantiSichaiYojna (Pilot Project)	17.64
9	MNRE	Funding for Off-grid SPV systems to be installed under JNNSM in 9 villages of North 24 Paragana District, West Bengal	44.64
	Total		566.50
F.Y. 2012-13			
10	MNRE	Installation of SPV power plants up to size of 500kWp with aggregate capacity of 50 MWp	70.90
11	MNRE	Financial Support for extending subsidy- for installation of Solar Photovoltaic lights and small capacity systems through NABARD	73.71
12	MNRE	Installation of Solar Photovoltaic Power Plants aggregating to 4 MWp capacity at different Indian Railway Locations	15.20
13	MNRE	Pilot grid connected Solar Thermal Power Projects under JNNSM	1020.00
14	MDWS	Solar Energy Based Dual Pump Piped Water Supply in 78 IAP Districts	221.30
15	MNRE	Viability Gap Funding for setting up 750 MW Grid connected Solar PV Power projects under JNNSM	1314.00
	Total		2715.11
FY.2013-14			
16	MNRE	Installation of Solar Water Heating System, 20,000 Home Lighting System (model 2) and 2,000 Solar Street Lights through NHB	104.70
17	MNRE	Assessment of wind Power Potential at 100 m level in 500 new stations	172.22
18	MNRE	Market Development of medium and high Temperature Concentrated Solar Technology (CSTs) for community cooking, process heat and cooling applications	68.00
19	MNRE	Localization of Solar Energy through Local Assembly, Sale and Usage of 1 Million Solar Study Lamps	21.19
20	MNRE	Installation of 23,500 Nos. SPV Power Plants of 1 KWp capacity each for Domestic household in Rajasthan, Andhra Pradesh, Kerala, Tamilnadu, Chhattisgarh and	44.40

		other selected states.	
21	MNRE	Financial Support for extending subsidy- for installation of Solar Photovoltaic lights and small capacity systems through NABARD, RRB's, Nationalised banks and Cooperative banks under Jawaharlal Nehru National Solar Mission (JNNSM).	149.81
22	MNRE	Financial Support for extending subsidy- for installation of Solar Photovoltaic lights and small capacity systems through Solar Energy Corporation of India implementing through commercial Banks under Jawaharlal Nehru National Solar Mission (JNNSM).	105.09
23	MNRE	5x100 KWp SPV Power Plants from Deogarh to Basukinath along with 2500 Nos. LED Street Lights	4.00
24	MNRE	Installation of 17,500 SPV water Pumping System in Rajasthan, Tamilnadu, Andhra Pradesh, Uttar Pradesh, Bihar and other selected states to meet the irrigation requirements	299.25
25	MNRE	Installation of Solar Water Heating Systems with cumulative collector area of 4,00,000 Sq. m. for institutional and industrial sector in the different states of the country.	108.00
26	MNRE	Installation of Grid Connected Rooftop Solar Photovoltaic Power Plants with aggregate 50 MWP capacity in various states across the country on pilot basis.	56.18
27	MNRE	National Clean Energy Fund (NCEF)-Indian Renewable Energy Development Agency (IREDA) concessional funding support for Renewable Energy.	100.00
Total			1232.84
		FY.2014-15	
28	MNRE	52 MWp Grid Connected Rooftop SPV Plants through Multi Govt. Agencies	143.20
29	MNRE	54 MWp Grid Connected Rooftop SPV Power Plants through State Nodal agencies	149.85
30	MNRE	Installation of 5 lakh sq.m. collector area Solar Water Heating System in Domestic & Building Sector	142.50
31	MNRE	Setting up 1000 MW of Grid-connected Solar PV Power Projects by Establishments of Ministry of Defence	1250.00
32	MNRE	25 MWp SPV Plan through SNA's and channel partners	142.50
33	MNRE	Generation Based Incentive (GBI) for grid connected wind power projects	741.00
34	MoHI&PE	Solar PV Manufacturing Plant of BHEL	1092.22
35	MNRE	Installation of 8,500 SPV water Pumping System	148.26
36	MNRE	73 MWp Grid Connected Rooftop SPV Power Plants in the Warehouses through Solar Energy Corporation of India (SECI)	148.92
37	MNRE	Setting up 1000 MW of Grid-connected Solar PV Power Project by CPSUs	1000.00
38	MNRE	Revised proposal for NCEF funding of 960 crore for pilot grid connected solar thermal projects	960.00
39	MNRE	IREDA to on lend to viable RE projects under NCEF	2500.00

40	MNRE	Intra-State Transmission System for Renewable Power Evacuation in Rajasthan	402.52
41	MNRE	Intra-State Transmission System for Renewable Power Evacuation in Tamil Nadu	637.20
42	MoEF	12 MW Ghazipur Municipal Solid Waste (MSW) to Energy Project.	120.00
43	MNRE	Installation of solar power generator above 3 Wp up to size of 100 kWp (with or without battery) with aggregate capacity of 25 MWp through SNA's and channel partners	142.5
44	MNRE	Solar Electrification of 1000 villages under JNNSM	154.50
45	MNRE	Provision of solar power in border areas	25.00
46	MNRE	Setting up of 1000 MW of grid connected solar PV power projects with Viability Gap Funding under Jawaharlal Nehru National Solar Mission (JNNSM	2100
Total			12000.17
FY. 2015-16 (till date)			
47	MNRE	InSTS for Renewable Power Evacuation in Rajasthan (Green energy Corridor)	407.32
48	MNRE	InSTS for Renewable Power Evacuation in Andhra Pradesh (Green energy Corridor)	515.70
49	MNRE	InSTS for Renewable Power Evacuation in Himachal Pradesh (Green energy Corridor)	364.21
50	MNRE	InSTS for Renewable Power Evacuation in Gujarat (Green energy Corridor)	785.20
51	MNRE	InSTS for Renewable Power Evacuation in Karnataka (Green energy Corridor)	362.40
52	MNRE	InSTS for Renewable Power Evacuation in Madhya Pradesh (Green energy Corridor)	840.00
53	MNRE	InSTS for Renewable Power Evacuation in Maharashtra (Green energy Corridor)	144.64
54	MNRE	Setting-up of 5000 MW of Grid Connected Solar PV Power Projects with VGF under Batch-IV of Phase-II of JNNSM	5050
55	MNRE	Grid Connected Rooftop and Small Solar Power Plants Programme (40000 MW)	5000
56	MNRE	Decentralised Generation of Renewable Energy {with special emphasis on Unemployed Youths and Village Panchayats (10000 MW)}	5000
Total			18469.47
GRAND TOTAL			34984.09

* Apart from the above, Rs. 25 crores (Rs. 1 cr in 2013-14 and Rs. 24 cr in 2014-15 has been released from NCEF to MNRE towards Joint Indo-US "PACESetter Fund". The Fund will be used to provide grants for seed capital for clean energy projects. The Funds' priority will be for demonstration of the viability of off-grid renewable energy businesses or technologies. The fund will be part of the "Promoting Energy Access through Clean Energy (PEACE)" initiative.