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11. Republic of Costa Rica	18. Republic of Yemen
12. Republic of El Salvador	19. Republic of Zambia
13. Republic of Equatorial Guinea	20. Republic of Zimbabwe
14. Republic of Guinea-Bissau	21. The Netherlands
15. Republic of Liberia	22. United Kingdom
16. Republic of Mozambique	23. United Republic of Tanzania
17. Republic of The Gambia	

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**Funds and incentives under National Solar Mission**

942. SHRI RAJMANI PATEL:

DR. L. HANUMANTHAIAH:

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

- (a) the initiatives taken by Government to support the use and promotion of renewable energy;
- (b) the funds allocated and disbursed under the Jawaharlal Nehru National Solar Mission in the current financial year and the last three years;
- (c) the steps taken to incentivise people to use solar energy;
- (d) the details of companies which have applied for the incentives under the plan along with the subsidy claimed by the respective companies; and
- (e) the details of funds given under the special incentives plan during the current financial year, company-wise along with the measures taken to prevent misuse of subsidy by defunct/fraudulent companies?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) The Government has taken various initiatives to support the use and promotion of renewable energy in the country. These, *inter-alia*, include the following:—

- (i) Announcement of a target of installing 175 GW of renewable energy capacity by March, 2022;
- (ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) upto the year 2021-22;

- (iii) Fiscal and financial incentives such as Capital Subsidy, Viability Gap Funding (VGF), accelerated depreciation benefits etc.;
- (iv) Permitting 100% Foreign Direct Investment (FDI) under the automatic route in renewable energy sector;
- (v) Issued guidelines for procurement of solar and wind power through tariff based competitive bidding process;
- (vi) Waiving of Inter State Transmission System Charges and losses for inter-State sale of solar and wind power for projects to be commissioned upto March, 2022;
- (vii) Raising funds from bilateral and multilateral finance and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.

(b) The details of funds allocated and disbursed under the Jawaharlal Nehru National Solar Mission in the current financial year and the last three years are given below:—

(₹ in crore)		
Year	Allocated	Disbursed
2015-16	3147.00	3146.24
2016-17	2866.70	2590.59
2017-18	2102.10	1889.93
2018-19	2893.75	1335.75
(as on 12.12.2018)	(BE stage)	

(c) Government have set a target of installation of 100 GW grid connected solar power by 2022 for which different schemes have been launched. A list of such schemes is given in Statement-I (*See* below). In addition, the Government is promoting use of solar energy in the country by providing various fiscal and promotional incentives as mentioned in part (a).

Further, under the Off-Grid and Decentralized Solar PV Programme, the Ministry of New and Renewable Energy (MNRE) provides Central Financial Assistance (CFA) for deployment of Solar street lights, Solar pumps, Solar power packs and other solar applications to meet the electricity and lighting needs of the people of the country.

(d) and (e) The details of companies to which funds have been released by MNRE in few major schemes under various solar programmes during current financial year are given in Statement-II (*See* below). In other schemes, funds are provided to the State Nodal Agencies which further release funds to implementing Agencies. The utilisation certificates are obtained from all agencies to ensure that the funds released have been utilised for the purpose for which they were sanctioned. The physical and financial progress of various projects is also reviewed from time-to-time to prevent any misuse of funds.

**Statement-I**

*Details of Solar power schemes*

- I. Solar Park Scheme for setting up of over 50 Solar Parks and Ultra Mega Solar Power Projects targeting over 40,000 MW of solar power projects.
- II. Scheme for setting up 1000 MW of Grid-Connected Solar PV Power Projects by Central Public Sector Undertakings (CPSUs) and Government of India organisations with Viability Gap Funding (VGF).
- III. Scheme for setting up 300 MW of Grid-Connected Solar PV Power Projects by Defence Establishments and Para Military Forces with VGF.
- IV. Pilot-cum-demonstration projects for development of grid connected solar PV power plants on canal banks and canal tops.
- V. Bundling Scheme - 15000 MW grid-connected solar PV power plants through National Thermal Power Corporation (NTPC) Ltd./National Vidyut Vyapar Nigam (NVVN).
- VI. VGF Schemes for setting up of Grid Connected Solar PV Power Projects through Solar Energy Corporation of India (SECI).
- VII. Installation of Grid Connected Solar Rooftop Power Plants.

**Statement-II**

*The details of funds released to companies in 2018-19*

(I) **750 MW Viability Gap Funding (VGF) Scheme**

(Upto 30.09.2018)

Sl. No.	Solar Power Developers	(Amount in ₹)
1	2	3
1.	EDEN Solar Energy Gurgaon Pvt. Ltd. (earlier ACME Gurgaon Power Pvt. Ltd.)	2,59,99,886

1	2	3
2.	EDEN Mumbai Solar Pvt. Ltd. (earlier ACME Mumbai Power Ltd.)	2,27,99,768
3.	Medha Energy Pvt. Ltd.	1,95,58,878
4.	EDEN Solar Rajdhani Pvt. Ltd. (earlier ACME Rajdhani Power Pvt. Ltd.)	2,37,97,794
5.	EDEN Renewable Ranji Pvt. Ltd. (earlier Ranji Solar Energy Private Limited)	4,89,99,744
6.	IL&FS Energy Development Company Ltd.	4,79,98,000
7.	IL&FS Energy Development Company Ltd.	4,82,00,000
8.	Clean Solar Power (Dhar) Pvt. Ltd.	1,22,00,000
9.	Clean Solar Power (Dhar) Pvt. Ltd.	1,31,00,000
10.	Clean Solar Power (Dhar) Pvt. Ltd.	2,39,00,000
11.	Focal Energy Solar One India Pvt. Ltd.	2,63,60,000
12.	Today Green Energy Pvt. Ltd.	99,50,000
13.	Today Green Energy Pvt. Ltd.	1,19,50,000
14.	Today Green Energy Pvt. Ltd.	1,69,50,000
15.	Today Green Energy Pvt. Ltd.	1,44,50,000
16.	Today Green Energy Pvt. Ltd.-3 RJ	4,19,00,000
17.	Focal Renewable Energy Two India Pvt. Ltd.	1,19,99,000
18.	Focal Photovoltaic India Pvt. Ltd.	99,89,000
19.	Vishwaj Energy Pvt. Ltd.	9,10,00,000
GRAND TOTAL		52,11,02,070
<b>(II) 2000 MW Viability Gap Funding (VGF) Scheme</b>		
1.	Talettutayi Solar Projects Four Private Limited	11,61,50,000
2.	Orange Renewable Power Private Limited	12,05,51,075
3.	Orange Renewable Power Private Limited	12,05,51,075
GRAND TOTAL		35,72,52,150

1	2	3
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**(III) 5000 MW Viability Gap Funding (VGF) Scheme**

1.	Astra Solren Pvt. Ltd.	31,42,22,191
2.	Orange Charanka Solar Energy Pvt. Ltd.	28,38,11,980
GRAND TOTAL		59,80,34,170

**(IV) Off-grid-concentrated Solar Thermal Programme**

( Amount in ₹ )

Sl. No.	Company/Beneficiary Name	Amount Released
1.	M/s The Ropar District Co-operative Milk, Producers' Union Ltd.	24,04,105
2.	Punarutthan Samarasata Gurukulam Chinchwad, Gaothan	1,50,000
3.	The Ludhiana District Co-operative Milk Producers' Union Ltd.	37,58,400
4.	Hatsun Agro Product Ltd.	29,70,000
5.	M/s Raichur, Bellary and Koppal dist., Co-operative Milk Producers' Societies Union Ltd.	11,97,684
6.	The Kalgidhar Trust	96,76,800
7.	Vijayapur and Bagalkot District, Co-operative Milk Producers' Societies Union Limited	6,96,667
8.	Prabandhak Committee Gurudwara Shri Paonta Sahib	7,25,760
TOTAL		2,15,79,416

**Smart meters installation under UDAY**

943. SHRI MD. NADIMUL HAQUE: Will the Minister of POWER be pleased to state:

(a) whether distribution companies have failed to meet the smart metering targets in different consumer categories under UDAY;

(b) if so, the details thereof as well as the reasons therefor, year-wise and State/UT-wise;

(c) the details of the funds allocated to the distribution companies for this purpose so far, year-wise and State/UT-wise; and