

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 836
TO BE ANSWERED ON 07.02.2019
SCHEMES FOR ENERGY SECTOR

836. SHRI P.P. CHAUHAN
SHRI NARANBHAI KACHHADIYA
SHRI BIDYUT BARAN MAHATO

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

- (a) the details of the schemes launched by the Government since the year 2014 till date along with the details of the targets set and the achievements made under each of the said schemes;
- (b) the details of the proposals received from various States along with the proposals approved by the Union Government;
- (c) the details of the funds allocated and utilized for implementation of various schemes of this Ministry during each of the last four years and the current year, scheme-wise and State-wise; and
- (d) whether the Government has set any time-limit for completing the pending schemes and if so, the details thereof?

ANSWER

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

(a) The Government is already implementing various schemes/programs for promoting renewable energy in the country since the year 2014. The details of various schemes/programs being implemented for promoting renewable energy in the country are at **Annexure I**.

The Government has set a target of installing 175 GW of renewable energy capacity which include 100 GW from solar, 60 GW from wind, 10 GW from biopower and 5 GW from small hydro power by the year 2022. A total Renewable Energy capacity of 74.79 GW has been reported installed in the country as on 31st December, 2018 that include 25.21 GW from solar, 35.14 GW from wind, 9.92 GW from biopower and 4.52 GW from small hydro power.

(b) Proposals are regularly received from State Governments and UT administrations for sanction of eligible Central Financial Assistance (CFA) for different categories of end users or beneficiaries such as Government bodies, private developers, industry, NGOs, individual, etc. under various schemes/programs being implemented by the Ministry for promotion of renewable energy in the country. These proposals if found complete in all respects are processed for sanction and disbursement of eligible CFA as per provisions and guidelines of the respective scheme/program, subject to availability of funds.

(c) The scheme wise details of the funds allocated and utilized for implementation of various schemes of the Ministry in the different states of the country during the last four years and the current year are given in **Annexure II**.

(d) The Government has set a target of installing 175 GW of renewable energy capacity by the year 2022.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) of LOK SABHA UNSTARRED
QUESTION NO. 836 FOR ANSWER ON 7/02/2019

Details of the Renewable Energy Schemes / Programmes

1. Grid Interactive and Distributed Renewable Energy Power:

- **Wind Power:** MW-scale Wind Farms.
- **Bio-power:** Biomass power/ Cogeneration and waste to energy programme.
- **Small Hydro Power:** Small hydro power plants up to 25 MW capacity.
- **Solar Power:** Grid-interactive –Solar power generation plants, Solar Roof Top programme.
- **Green Energy Corridors:** transmission Infrastructure for evacuation of Power from Renewable Energy Sources..

2. Off-Grid/ Distributed and Decentralized Renewable Power:

- **Solar Power** -To promote the solar devices such as Solar Lighting Systems, Solar Pumps, Solar Power Packs and Concentrated Solar Technology systems.
- **Biomass Gasifier for Rural Energy / Industrial Energy.**
- **Biogas Programme:** setting up of Family Type biogas plants for cooking/ lighting/ manure/ small scale power generation
- **Solar Thermal Systems:** deployment of decentralized solar thermal systems/ devices (mainly solar cookers / driers for cooking, drying farm produce) under National Solar Mission.
- **Green Buildings** - incorporating active renewable energy systems and passive designs
- **Solar Cities** – Planning for reducing their conventional energy consumption through energy conservation and use of renewable energy devices/ systems

3. Other programmes:

- Supporting research and development projects at premier institutions and industries on different aspects of new and renewable energy technologies.
- Human Resource Development and Training Programme
- Information and Publicity
- Monitoring and Evaluation
- E-governance

ANNEXURE-II

ANNEXURE-II REFERRED TO IN REPLY TO Part (c) of LOK SABHA UNSTARRED QUESTION
NO. 836 FOR ANSWER ON 7/02/2019

Scheme-wise details of funds allocated and utilized for the implementation of various Renewable Energy Schemes of the Ministry in the different States of the Country during last four years and Current year (upto 31-12-2018).

MINISTRY OF NEW AND RENEWABLE ENERGY											
2014-15											
(Rupees in crores)											
Sl. No	Detail of Minor Head		B.E.			RE			Exp as on 31 March 2015		
1	101-Grid Interactive and Distributed Renewable Power	01-Grid Interactive Renewable Power	GBS	NCEF	Total	GBS	NCEF	Total	GBS	NCEF	Total
		Wind Power		267.00	267.00		566.00	566.00		566.00	566.00
		Hydro Power		0.50	0.50		0.50	0.50		0.50	0.50
				4.50	4.50		4.50	4.50		4.50	4.50
				80.00	80.00		80.00	80.00		94.99	94.99
		NER	15.00		15.00	15.00		15.00			0.00
		Bio Power		0.25	0.25		0.00	0.00			0.00
				0.50	0.50		0.00	0.00			0.00
				52.25	52.25		25.00	25.00		25.00	25.00
		Solar Power	0.00		0.00			0.00			0.00
		SOLAR ENERGY PARK(GBS)	100.00		100.00	100.00		100.00	100.00		100.00
		SOLAR ENERGY PARK(NECF)		500.00	500.00		141.50	141.50		141.50	141.50
				150.00	150.00		150.00	150.00		150.00	150.00
			115.00	1055.00	1170.00	115.00	967.50	1082.50	100.00	982.49	1082.49
		02-Off-Grid/Distributed and Decentralized Renewable Power									
		Wind Power		5.00	5.00		2.00	2.00		2.00	2.00
		Hydro Power		7.00	7.00		7.00	7.00		7.00	7.00
		Bio Power		0.10	0.10		0.10	0.10		0.00	0.00
				0.40	0.40		0.40	0.40		0.40	0.40
				18.00	18.00		16.00	16.00		16.00	16.00
		Solar Power		214.50	214.50		216.50	216.50		246.28	246.28
		SOLAR PUMP(GBS)	400.00		400.00		353.50	353.50		353.50	353.50
				120.00	120.00		120.00	120.00		120.00	120.00
				4.00	4.00		2.00	2.00		1.99	1.99
				9.50	9.50			0.00		0.00	0.00
			15.50		15.50	15.00		15.00	15.00	0.00	15.00
		NER		54.00	54.00	30.00		30.00		0.00	0.00
			415.50	432.50	848.00	45.00	717.50	762.50	15.00	747.15	762.17
	Total-Grid Interactive and Distributed Renewable Power		530.50	1487.50	2018.00	160.00	1685.00	1845.00	115.00	1729.65	1844.65

2	102- Renewable Energy for Rural Applications	01-Renewable Energy for Remote Villages									
		Remote Village Electrification(RVE)/ Lighting Programme	9.00		9.00	9.00		9.00	9.96		9.96
		NER	5.00		5.00	1.00		1.00			0.00
			14.00		14.00	10.00	0.00	10.00	9.96	0.00	9.96
		02-Renewable Energy for all Villages									
		Biogas Programme	67.50		67.50	67.50		67.50	82.93		82.93
			11.75		11.75	11.75		11.75	11.75		11.75
			2.00		2.00	2.00		2.00	2.00		2.00
			0.25		0.25	0.25		0.25	0.00		0.00
			7.00		7.00	7.00		7.00	7.00		7.00
		NER	20.00		20.00	20.00		20.00			
		GIA to States	34.00		34.00	34.00		34.00	34.00		34.00
			1.00		1.00	1.00		1.00	1.00		1.00
			143.50		143.50	143.50	0.00	143.50	138.68		138.68
	Total-		157.50		157.50	153.50	0.00	153.50	148.64		148.64
3	103- Renewable Energy for Urban, Industri al and Commercial Applications	01-ST,SPV and other RE Systems									
		Renewable Energy applications	13.90		13.90	13.90		13.90	12.43	0.00	12.43
			0.10		0.10	0.10		0.10			
			14.00		14.00	14.00	0.00	14.00	12.43	0.00	12.43
	Total-Renewable Energy for Urban,Industrial and Commercial Applications		14.00		14.00	14.00	0.00	14.00	12.43	0.00	12.43
4	104- Research, Desi gn and Development in Renewable Energy	01-R&D in New and Renewable Energy Technologies									
		Bio-Energy		0.10	0.10		0.10	0.10		0.04	0.04
				13.90	13.90		9.90	9.90		9.90	9.90
		Solar Energy		0.10	0.10		0.10	0.10		0.02	0.02
				44.90	44.90		44.90	44.90		44.90	44.90
		Small Hydro Power		6.00	6.00		1.00	1.00		1.00	1.00
		New Technologies		0.10	0.10		0.10	0.10		0.03	0.03
				0.40	0.40		0.10	0.10		0.00	0.00
				20.00	20.00		10.80	10.80		10.80	10.80
		Wind Energy		4.75	4.75		2.00	2.00		2.00	2.00
				0.25	0.25		0.00	0.00		0.00	0.00
				90.50	90.50		69.00	69.00		68.68	68.68
		02-Research Institutions/Centre(in cluding MNRE Institutions: SEC, CWET, NIRE)									
		Solar Energy Centre	0.10		0.10	0.10		0.10	0.00		0.00
				0.05	0.05	0.05		0.05	0.01		0.01
				0.02	0.02	0.27		0.27	0.24		0.24

			0.40		0.40	0.15		0.15	0.09		0.09
		Centre for Wind Energy Technology	12.00		12.00	12.00		12.00	12.00		12.00
		National Institute of Renewable Energy	10.70		10.70	10.70		10.70	10.70		10.70
			1.30		1.30	1.30		1.30	1.30		1.30
		National Institute of Solar Energy	0.00		0.00	0.00		0.00	0.00		0.00
			6.75		6.75	6.75		6.75	6.75		6.75
			1.00		1.00	1.00		1.00	1.00		1.00
			26.68		26.68	26.68		26.68	26.68		26.68
			59.00		59.00	59.00	0.00	59.00	58.77		58.77
		Total-Research, Design and Development in Renewable Energy	59.00	90.50	149.50	59.00	69.00	128.00	58.77	68.68	127.45
5	105-Supporting Programmes	01-Information, Publicity and Extension *									
		Information, Education and communication	0.10		0.10	0.10		0.10	0.01		0.01
			12.00		12.00	6.40		6.40	3.79		3.79
			6.90		6.90	4.00		4.00	3.75		3.75
		Extension of Renewable Energy Application	6.00		6.00	4.50		4.50	4.50		4.50
			25.00		25.00	15.00	0.00	15.00	12.05		12.05
		International cooperation including Investment Promotion	0.10		0.10	0.10		0.10	0.04		0.04
			0.90		0.90	0.40		0.40	0.15		0.15
			0.00		0.00		24.00	24.00	0.00	24.00	24.00
			1.00		1.00	0.50	24.00	24.50	0.19	24.00	24.19
		Externally Aided Projects	0.30		0.30	0.30		0.30	0.30		0.30
			0.60		0.60	0.60		0.60	0.60		0.60
			7.00		7.00	7.00		7.00	6.95		6.95
			0.10		0.10	0.10		0.10	0.10		0.10
			8.00		8.00	8.00	0.00	8.00	7.95		7.95
		Monitoring/Evaluation and Other Studies	0.10		0.10	0.00		0.00	0.00		0.00
			0.90		0.90	0.10		0.10	0.08		0.08
			0.00		0.00	0.00		0.00	0.00		0.00
			1.00		1.00	0.10	0.00	0.10	0.08		0.08
		Human Resources Development and Training	0.25		0.25	0.25		0.25	0.25		0.25
			6.75		6.75	4.00		4.00	4.00		4.00
			0.00		0.00	0.00		0.00	0.00		0.00
			6.00		6.00	2.65		2.65	2.65		2.65
			13.00		13.00	6.90	0.00	6.90	6.90		6.90
		Information Technology/e-Governance and other initiatives	1.75		1.75	0.95		0.95	0.94		0.94
			0.25		0.25	0.05		0.05	0.04		0.04
			2.00		2.00	1.00	0.00	1.00	0.97		0.97
		Support to States	12.00		12.00	5.00		5.00	3.96		3.96
			12.00		12.00	5.00	0.00	5.00	3.96		3.96
		Total-Supporting Programme	62.00		62.00	36.50	24.00	60.50	32.10	24.00	56.10

6	190- Investment in Public Sector and Other Undertakings	Indian Renewable Energy Development Agency (IREDA)	40.00		40.00	40.00	200.00	240.00	40.00	200.00	240.00
		Solar Energy Corporation of India	55.00		55.00	55.00	0.00	55.00	55.00		55.00
			95.00		95.00	95.00	200.00	295.00	95.00	200.00	295.00
7	800-Other Expenditure	Eco Services(Plan)	22.00		22.00	22.00		22.00	17.53		17.53
		Regional Office(Plan)	1.00		1.00	1.00		1.00	0.71		0.71
			23.00		23.00	23.00	0.00	23.00	18.23		18.23
		GRANT TOTAL (PLAN)	941.00	1578.00	2519.00	541.00	1978.00	2519.00	480.16	2022.32	2502.49
		Net Plan	941.00	1578.00	2519.00	541.00	1978.00	2519.00	480.16	2022.32	2502.49
9	Secretariat (NON-PLAN)	Eco Services(NON-PLAN)	14.14		14.14	12.87		12.87	12.42		12.42
10	Supporting Programmes	International cooperation including Investment Promotion	1.25		1.25	1.02		1.02	1.02		1.02
		Eco Services(NON-PLAN)	15.39	0.00	15.39	13.89	0.00	13.89	13.45		13.45
		GRANT TOTAL	956.39	1578.00	2534.39	554.89	1978.00	2532.89	524.48	1990.97	2515.46

2015-16

(Rupees in crores)

Sl. No.	Detail of Minor Head		B.E.			RE			Exp. As on 31.03.16
			GBS	NCEF	Total	GBS	NCEF	Total	
1	101-Grid Interactive and Distributed Renewable Power	01-Grid Interactive Renewable Power							
		Wind Power	0.00	314.00	314.00	0.00	314.00	314.00	314.00
		Hydro Power	0.00	0.50	0.50	0.00	0.50	0.50	0.50
			0.00	4.50	4.50	0.00	4.50	4.50	4.50
			0.00	95.00	95.00	0.00	95.00	95.00	95.00
		Bio Power	0.00	45.00	45.00	0.00	29.00	29.00	28.99
		Solar Power	0.00	1066.00	1066.00	0.00	1716.00	1716.00	1715.99
		Green Energy Corridors	0.00	0.00	0.00	0.00	300.00	300.00	300.00
			0.00	1525.00	1525.00	0.00	2459.00	2459.00	2458.98
		02-Off-Grid/DRPS						0.00	
		Wind Power-subsidy		3.00	3.00	0.00	2.94	2.94	2.94
		Wind Power-GIA		0.00	0.00	8.00	0.06	8.06	8.06
		NER		0.00	0.00	0.00	0.00	0.00	0.00
		Hydro Power-GIA		5.00	5.00	0.00	5.00	5.00	5.00
		Bio Power-GIA		0.50	0.50	0.00	0.60	0.60	0.58

		Bio Power-Subs		29.50	29.50	0.00	29.40	29.40	24.98
		Solar power-GIA		638.00	638.00	0.00	941.37	941.37	941.37
		Solar power-Subs		205.00	205.00	0.00	451.63	451.63	450.99
		Professional Services		4.00	4.00	0.00	4.00	4.00	3.97
			0.00	885.00	885.00	8.00	1435.00	1443.00	1437.89
		Total-Grid Interactive and Distributed Renewable Power	0.00	2410.00	2410.00	8.00	3894.00	3902.00	3896.87
2	102-Renewable Energy for Rural Applications	01-Renewable Energy for Remote Villages							
		Remote Village Electrification(RVE)/Lighting Programme	2.00		2.00	3.69		3.69	3.33
			1.00		1.00	1.00		1.00	0.75
		NER	2.00		2.00	0.31		0.31	0.00
			5.00		5.00	5.00	0.00	5.00	4.08
		02-Renewable Energy for all Villages							
		Biogas Programme-GIA	67.00		67.00	53.07		53.07	51.47
			9.75		9.75	2.79		2.79	2.79
			2.00		2.00	0.94		0.94	0.94
			0.25		0.25	0.06		0.06	0.05
		SCSP	4.00		4.00	4.00		4.00	4.00
			4.00		4.00	2.63		2.63	1.33
		NER	21.00		21.00	1.61		1.61	0.00
			6.00		6.00	0.86		0.86	0.00
		GIA to States	40.00		40.00	37.25		37.25	37.25
			1.00		1.00	1.00		1.00	1.00
			155.00		155.00	104.21		104.21	98.83
		Total for Rural Applications	160.00	0.00	160.00	109.21	0.00	109.21	102.91
3	103-Renewable Energy for Urban,Industrial and Commercial Applications	01-ST,SPV and other RE Systems							
		Renewable Energy applications	4.62		4.62	4.62		4.62	4.62
			4.62		4.62	4.62	0.00	4.62	4.62
		Total-Renewable Energy for Urban,Industrial and Commercial Applications	4.62		4.62	4.62	0.00	4.62	4.62
4	104-Research,Design and Development in Renewable Energy	01-R&D in New and Renewable Energy Technologies							
		Bio-Energy		0.10	0.10	0	0.10	0.10	0.07
				10.40	10.40	0	2.40	2.40	2.27
		Solar Energy		0.10	0.10	0	0.10	0.10	0.02
				33.90	33.90	0	33.90	33.90	33.90
		Small Hydro Power		2.00	2.00	0	0.05	0.05	0.00
		New Technologies		0.05	0.05	0	0.05	0.05	0.04

				11.70	11.70	0	5.95	5.95	5.95
		Wind Energy		1.00	1.00	0	1.00	1.00	1.00
				59.25	59.25	0.00	43.55	43.55	43.25
		02-Research Institutions/Centre(including MNRE Institutions: SEC, CWET, NIRE)						0.00	
		Centre for Wind Energy Technology	0.00	5.00	5.00	0.00	13.70	13.70	13.70
		SSS (NIRE)	0.00	7.00	7.00	0.00	5.00	5.00	3.69
			0.00	1.00	1.00	0.00	1.00	1.00	1.00
		NISE	0.00	6.75	6.75	0.00	31.75	31.75	31.75
			0.00	1.00	1.00	0.00	1.00	1.00	1.00
			0.00	10.00	10.00	0.00	10.00	10.00	6.59
			0.00	30.75	30.75	0.00	62.45	62.45	57.73
		Total-Research, Design and Development in Renewable Energy		0.00	90.00	0.00	106.00	106.00	100.98
5	105-Supporting Programmes	01-Information, Publicity and Extension *						0.00	
	Information, Education and communication		0.10		0.10	0.02	0.00	0.02	0.02
			2.15		2.15	2.15	0.00	2.15	0.40
			2.00		2.00	2.00	0.00	2.00	2.00
	Extension of Renewable Energy Application		2.00		2.00	2.00	0.00	2.00	2.00
			6.25	0.00	6.25	6.17	0.00	6.17	4.42
	International cooperation including Investment Promotion		0.10		0.10	0.02		0.02	0.01
			0.90		0.90	0.30		0.30	0.00
			1.00		1.00	0.32	0.00	0.32	0.01
		Externally Aided Projects	0.15		0.15	0.15		0.15	0.15
			0.30		0.30	0.30		0.30	0.30
			2.37		2.37	2.37		2.37	2.37
			0.05		0.05	0.05		0.05	0.05
			2.87		2.87	2.87		2.87	2.87
	Monitoring/Evaluation and Other Studies		0.30		0.30	0.10		0.10	0.09
			0.30		0.30	0.10		0.10	0.09
	Human Resources Development and Training		0.10		0.10	0.10		0.10	0.10
			2.15		2.15	2.15		2.15	2.15
			1.75		1.75	1.75		1.75	1.75
			4.00	0.00	4.00	4.00	0.00	4.00	4.00
	Information Technology/e-Governance and other initiatives		0.10		0.10	0.60		0.60	0.58
			0.10		0.10	0.60		0.60	0.58
		Support to States	3.06		3.06	2.59		2.59	2.59
			3.06		3.06	2.59		2.59	2.59
	Total-Supporting Programme		17.58	0.00	17.58	16.65	0.00	16.65	14.56
6	190- Investment in Public Sector and Other Undertakings	IREDA	3.00		3.00	0.00	0.00	0.00	0.00

		SECI	92.00		92.00	92.00		92.00	92.00
			95.00		95.00	92.00		92.00	92.00
7	800-Other Expenditure	Eco Services(Plan)	9.92		9.92	15.21		15.21	15.00
		Regional Office(Plan)	0.55		0.55	0.84		0.84	0.76
			10.47		10.47	16.05		16.05	15.76
		GRAND TOTAL (PLAN)	287.67	2500.00	2787.67	246.53	4000.00	4246.53	4227.70
		Deduct Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Net Plan	287.67	2500.00	2787.67	246.53	4000.00	4246.53	4227.70
9	Secretariat (NON-PLAN)	Eco Services(NON-PLAN)	14.06		14.06	14.06		12.02	12.05
		4810-Office Buildings	0.00			0.00		2.77	2.52
10	Supporting Programmes	International cooperation including Investment Promotion	1.48		1.48	1.48		0.75	0.75
		Eco Services(NON-PLAN)	15.54	0.00	15.54	15.54	0.00	15.54	15.32
		GRAND TOTAL	303.21	2500.00	2803.21	262.07	4000.00	4262.07	4243.02

2016-17

Sl. No	Detail of Minor Head		BE	RE	Exp. As on 31.03.2017
1	101-Grid Interactive and Distributed Renewable Power	01-Grid Interactive Renewable Power			
		Wind Power	365.00	488.95	488.95
		Hydro Power	85.00	111.99	112.01
		Bio Power	30.00	17.00	16.29
		Solar Power	2138.00	2064.54	1992.32
		Green Energy Corridors	500.00	200.00	200.00
		Advertising and publicity	5.00	15.10	12.69
		DREA	2.00	2.00	1.96
		Energy Storage-	16.00	0.10	0.00
		Externally Aided Projects	39.00	39.00	0.00
		Sub Total	3180.00	2938.68	2824.22
		02-Off-Grid/Distributed and Decentralized Renewable Power			
		Wind Power	5.20	4.20	2.38
		Hydro Power	10.00	10.00	9.99
		Bio Power	30.00	26.00	14.68
		Solar Power	293.00	390.22	385.34
		RVE	7.00	10.18	10.18
		Biogas Programme	55.00	71.03	64.52
		Othor Including cookstoves	8.00	7.50	0.55
		OREA	14.80	4.80	4.25
		Externally Aided Projects	6.00	6.00	5.95
		Energy Storage	2.00	0.00	0.00

		Sub Total	431.00	529.93	497.84
		Total-Grid Interactive and Distributed Renewable Power	3611.00	3468.61	3322.06
2		Nort Eastern Areas (Major Head)			
		Hydro Power	239.00	151.97	0.00
		Solar Power	200.00	31.98	0.00
		Wind Power	1.80	1.80	0.00
		Remote Village Electrification(RVE)	20.00	16.82	0.00
		Biogas Programme	27.00	6.17	0.00
		Othor including cookstoves	3.00	3.00	0.00
		Othor Rrenewable Energy Application	5.20	0.00	0.00
		Sub Total	496.00	211.74	0.00
3		GIA to State Government (Major Head)			
		Biogas Programme	40.00	0.00	0.00
		Biogas Programme	5.00	0.00	0.00
		Sub Total	45.00	0.00	0.00
4	104- Research,Design and Development	04-Research development and international corporation (Sub-Head)			
		Bio-Energy	8.00	7.00	4.26
		Solar Energy	90.00	60.00	49.44
		Small Hydro Power	3.00	3.00	2.70
		New Technologies	20.00	15.25	3.83
		Wind Energy	3.00	2.00	0.76
		International Relations	220.00	130.00	121.69
		HRD and Training	50.00	43.50	42.74
		Energy Storage	2.00	0.10	0.00
		New & Innovative Projects	44.00	12.00	0.00
		Sub Total	440.00	272.85	225.42
		05 Autonomous Bodies			
		National Institute of Wind Energy	25.00	25.00	25.00
		National Institute of Bio Energy	8.00	3.00	0.00
		National Institute of Solar Energy	20.00	7.00	7.00
			53.00	35.00	32.00
		Sub Total	493.00	307.85	257.42
5		789 Special component Plan for Scheduled Castes			
		Solar Power	137.00	113.00	112.37
		Remote Village Electrification(RVE)	13.00	13.00	4.31
		Biogas Programme	10.00	15.55	6.54
		Othor including cookstoves	3.00	3.00	0.00
		Research Development & International Corporation-GIA	5.00	0.00	0.00
		Sub Total	168.00	144.55	123.22
		796 Tribal Area Sub Plan (Minor			

		Head) Off-Grid/Distributed and Decentralized Renewable power(Sub Head			
		Solar power	70.00	55.00	52.71
		Remote Village Electrification (RVE)	10.00	10.00	9.64
		Biogas Programme	5.00	7.25	5.92
		Othor Including cookstoves-	2.00	2.00	0.00
			87.00	74.25	68.27
		Sub Total	255.00	218.80	191.49
6	190- Investment in Public Sector and Other Undertakings	Solar Energy Corporation of India - Investments	100.00	100.00	100.00
		Sub Total	100.00	100.00	100.00
		TOTAL (PLAN)	5000.00	4307.00	3870.97
		<i>Deduct Recovery</i>			
		<i>Net Plan</i>	5000.00	4307.00	3870.97
7	Secretariat (NON-PLAN)	Eco Services(NON-PLAN)	0.00		34.43
		Office Buildings (4810)			10.61
		GRAND TOTAL	5000.00	4307.00	3916.01

2017-18

Sl. No.	Detail of Minor Head	Head of Account	BE II	RE	Exp.as on 31.03.2018
1	101-Grid Interactive and Distributed	01-Grid Interactive Renewable Power			
		Wind Power	400.00	750.00	750.00
		Hydro Power-OAE	0.50	0.22	0.22
		Hydro power-GIA	5.00	2.00	2.04
		Hydro power-subsidy	75.00	91.77	102.78
		Bio Power	33.00	21.50	13.29
		Solar Power	98.00	6.00	5.31
		Solar Power-GCCA	2161.00	970.12	970.02
		Green Energy-GCCA	500.00	500.00	499.98
		Externally Aided Projects-OAE	1.15	0.10	0.10
		professional Services	0.50	0.10	0.10
		Externally Aided Projects-GIA	37.30	0.20	0.20
		Othor Charges	0.05	0.10	0.05
		interest payments bonds	280.00	128.00	126.45
			3591.50	2470.11	2470.54
		02-Off-Grid/Distributed and Decentralized Renewable Power			
		Wind Power-GIA	0.25	0.15	0.14
		Wind Power-Subsidy	5.50	4.25	4.25
		Wind Power-GCCA	0.25	0.00	0.00

		Hydro Power-GIA	11.90	6.00	6.39
		Hydro power-GCCA	1.10	0.00	0.00
		Bio Power-GIA	0.50	0.50	0.27
		Bio Power-GCCA	42.50	19.50	12.95
		Solar Power-OAE	1.00	1.00	0.63
		professional Services	1.00	1.00	0.95
		Solar power-GIA	8.00	2.00	1.99
		Solar power-Subs	15.00	12.00	11.77
		Solar Power-GCCA	407.00	698.79	710.22
		Biogas Programme-GIA	11.00	11.00	8.46
		Biogas Programme-GCCA	35.00	41.91	46.66
		OREA-GIA	0.20	0.20	0.00
		OREA-OAE	13.50	4.30	3.78
		GIA-SUBSIDY	0.50	0.50	0.00
		Externally Aided Projects-OAE	0.85	0.85	0.85
		Professional Services	2.00	2.00	1.97
		GIA	3.00	3.00	3.00
		Othor Charges	0.15	0.15	0.15
			560.20	809.10	814.43
		Total-Grid Interactive and Distributed Renewable Power	4151.70	3279.21	3284.97
2		Nort Eastern Areas (Major Head)			
		Hydro Power - Subsidy	29.00	11.01	0.00
		Solar Power-GCCA	360.00	113.98	0.00
			389.00	124.99	0.00
		Solar Power - GCCA	100.00	105.21	0.00
		Wind Power -GIA	0.60	0.10	0.00
		Wind Power-GCCA	1.40	0.40	0.00
		Biogas Programme-GIA	4.00	2.00	0.00
		Biogas Programme -GCCA	30.00	24.09	0.00
			136.00	131.80	0.00
			525.00	256.79	0.00
3		05 Autonomous Bodies			
		National Institute of Wind Energy-GIA	9.00	7.00	7.00
		National Institute of Wind Energy-GCCA	16.00	16.00	16.00
		National Institute of Bio Energy-GIA	5.00	0.50	0.50
		National Institute of Bio Energy-GCCA	2.00	0.50	0.50
		National Institute of Bio Energy -GIA-Salary	1.00	1.00	0.00
		National Institute of Solar Energy - GIA	6.00	6.00	6.00
		National Institute of Solar Energy -GCCA	10.50	10.50	5.82
		National Institute of Solar Energy -GIA-salaries	3.50	3.50	2.82
		R&D ACTIVITIES-OAE	0.55	0.55	0.05

		R&D ACTIVITIES-GIA	78.90	35.45	29.79
		GCCA	64.55	45.00	43.08
			197.00	126.00	111.56
4		SUPPORTING PROGRAMMES (SUB HEAD)-OAE	0.10	0.00	0.00
		Professional services	13.00	0.00	0.00
		GIA	1.90	0.00	0.00
		e-governance supply &materials	0.09	0.09	0.06
		GIA	0.01	0.01	0.00
		Information education advertising & publicity	13.00	13.00	13.00
		GIA	7.00	2.00	0.67
		International Relations-OAE	2.00	0.50	0.12
		Int.Relations-GIA	73.00	19.50	15.37
		Contributions	1.60	1.60	1.13
		HRD&Training-OAE	0.20	0.20	0.19
		GIA	55.00	55.00	40.12
		Scholarship	10.00	10.00	3.12
		GCCA	4.80	4.80	0.00
		New & Innovative Projects-GIA	12.00	3.00	0.00
			2.90	1.90	0.00
			196.60	111.60	73.78
			393.60	237.60	185.34
5		<i>789 Special component Plan for Scheduled Castes</i>			
		Solar Power - GIA	3.00	1.00	0.03
		Solar Power - GCCA	135.00	135.00	134.92
		Biogas Programme -GIA	10.00	3.00	1.54
		Biogas Programme-GCCA	36.00	4.00	3.05
			184.00	143.00	139.54
		796 Tribal Area Sub Plan (Minor Head) Off-Grid/Distributed and Decentralized Renewable power(Sub Head			
		Solar power-GIA	2.00	1.00	0.09
		Solar Power-GCCA	28.00	28.00	28.00
		Biogas Programme-GCCA	8.00	8.00	7.99
		GRID Interactive Renewable power(hydro power)-subsidy	12.00	9.00	8.98
		Solar power-GIA	2.00	1.00	0.00
		Solar power-GCCA	40.00	26.00	26.00
			92.00	73.00	71.06
			276.00	216.00	210.60

6	190- Investment in Public Sector and Other Undertakings	Solar Energy Corporation of India - Investments	50.00	50.00	50.00
		Office Building	40.00	1.00	1.00
			90.00	51.00	51.00
		GRAND TOTAL (PLAN)	5436.30	4040.60	3731.91
		<i>Deduct Recovery</i>			
		<i>Net Plan</i>	5436.30	4040.60	3731.91
7	Secretariat (NON-PLAN)	Eco Services (NON-PLAN)	36.54	39.40	36.82
		GRAND TOTAL	5472.84	4080.00	3768.73

2018-19

Sl. No.	Detail of Minor Head	Head of Account	BE	RE	Exp. As on 31.12.2018	
1	101-Grid Interactive and Distributed Renewable Power	01-Grid Interactive Renewable Power				
		Wind Power-subsidy	750.00	750.00	742.59	
		Hydro Power-OAE	0.50	0.50	0.09	
		Hydro power-GIA	4.50	4.50	0.00	
		Hydro power-subsidy	52.00	52.00	42.01	
		Bio Power	25.00	25.00	5.25	
		Solar Power	25.24	25.24	0.35	
		Solar Power-GCCA	1784.00	1784.00	1752.75	
		Green Energy-GCCA	600.00	600.00	396.04	
		Energy Storage-OAE	0.01	0.01		
		Externally Aided Projects-OAE	0.75	0.75	0.00	
		professional Services	0.40	0.40	0.00	
		Externally Aided Projects-GIA	6.00	6.00	0.00	
		Other Charges	0.10	0.10	0.00	
		interest payments bonds-GIA	128.00	128.00	62.22	
			3376.50	3376.50	3001.30	
		02-Off-Grid/Distributed and Decentralized Renewable Power				
			Wind Power-GIA	0.21	0.21	0.21
			Wind Power-Subsidy	5.00	5.00	0.13
			Wind Power-GCCA	0.22	0.22	0.00

		Hydro Power-GIA	1.00	1.00	0.30
		Hydro Power-subsidy	10.00	10.00	
		Hydro power-GCCA	0.50	0.50	0.00
		Bio Power-GIA	1.00	1.00	0.10
		Bio Power-GCCA	22.00	22.00	3.24
		Solar Power-OAE	1.00	1.00	0.00
		professional Services	1.00	1.00	0.32
		Solar power-GIA	4.00	4.00	2.27
		Solar power-Subs	8.00	8.00	3.04
		Solar Power-GCCA	370.00	370.00	239.43
		Biogas Programme-GIA	11.00	12.65	5.13
		Biogas Programme-GCCA	38.00	39.12	17.16
		OREA-GIA	0.20	0.20	0.00
		OREA-OAE	10.50	10.50	0.09
		GIA-SUBSIDY	0.30	0.30	0.00
		Energy Storage-GCCA	0.01	0.01	0.00
		Energy Storage-OAE	0.01	0.01	0.00
			483.95	486.72	271.42
		Total-Grid Interactive and Distributed Renewable Power	3860.45	3863.22	3272.72
2		Nort Eastern Areas (Major Head)			
		Hydro Power - Subsidy	90.00	90.00	0.00
		Solar Power-GCCA	172.50	172.50	0.00
			262.50	262.50	0.00
		Solar Power - GCCA	220.00	220.00	0.00
		Wind Power -GIA	0.60	0.60	0.00
		Wind Power-GCCA	1.40	1.40	0.00
		Wind Power-GIA	0.01	0.01	
		Biogas Programme-GIA	5.00	3.35	0.00
		Biogas Programme -GCCA	15.00	13.88	0.00
		OIK-GIA	0.01	0.01	
		OREA-GIA	0.01	0.01	
			242.03	239.26	0.00
			504.53	501.76	0.00
3		05 Autonomous Bodies			
		Energy Storage-OAE	0.01	0.01	0.00
		New & Innovative Projects-GIA	0.01	0.01	0.00
		National Institute of Wind Energy-GIA	5.00	5.00	0.00
		National Institute of Wind Energy-GCCA	15.00	15.00	0.00

		National Institute of Bio Energy-GIA	1.00	1.00	0.00
		National Institute of Bio Energy-GCCA	1.00	1.00	0.00
		National Institute of Bio Energy - GIA-Salary	1.00	1.00	1.00
		National Institute of Solar Energy -GIA	5.00	5.00	5.00
		National Institute of Solar Energy - GCCA	9.50	9.50	4.75
		National Institute of Solar Energy - GIA-salaries	3.50	3.50	1.75
		R&D ACTIVITIES-OAE	0.55	0.55	0.01
		R&D ACTIVITIES-GIA	48.90	48.05	1.39
		GCCA	44.55	44.55	0.48
			135.02	134.17	14.38
4		SUPPORTING PROGRAMMES (SUB HEAD)-OAE	0.10	0.10	0.00
		Professional services	0.10	0.10	0.07
		GIA	0.10	0.10	0.00
		e-governance supply &materials	0.09	0.09	0.06
		GIA	0.01	0.01	0.00
		Information education advertising & publicity	13.00	13.00	1.43
		GIA	2.00	2.00	0.03
		Int.Relations-GIA	55.00	55.00	15.55
		Contributions	1.60	1.60	0.00
		HRD&Training-OAE	0.20	0.20	0.07
		GIA	49.00	49.00	41.56
		Scholarship	6.00	6.00	0.73
		GCCA	4.80	4.80	0.00
		New & Innovative Projects-GIA	0.10	0.10	0.00
			0.10	0.10	0.00
			132.20	132.20	59.50
			267.22	266.37	73.88
5		789 Special component Plan for Scheduled Castes			
		Solar Power - GIA	2.00	2.00	0.14
		Solar Power - GCCA	175.00	175.00	17.57
		Biogas Programme -GIA	17.00	17.00	1.04

		Biogas Programme-GCCA	23.00	23.00	4.59
			217.00	217.00	23.34
		796 Tribal Area Sub Plan (Minor Head) Off-Grid/Distributed and Decentralized Renewable power(Sub Head			
		Solar power-GIA	2.00	2.00	1.75
		Solar Power-GCCA	65.50	65.50	48.81
		Biogas Programme-GCCA	26.00	26.00	1.47
		GRID Interactive Renewable power(hydro power)-subsidy	60.00	60.00	60.00
		Solar power-GIA	1.50	1.50	0.00
		Solar power-GCCA	62.00	62.00	15.56
			217.00	217.00	127.59
			434.00	434.00	150.93
6	190- Investment in Public Sector and Other Undertakings	Solar Energy Corporation of India - Investments			0.00
		Office Building	40.40	40.40	2.94
			40.40	40.40	2.94
		GRAND TOTAL (PLAN)	5106.6	5105.8	3500.5
		<i>Deduct Recovery</i>			
		<i>Net Plan</i>	5106.6	5105.8	3500.5
7	Secretariat (NON-PLAN)	Eco Services (NON-PLAN)	40.03	40.88	29.24
		GRAND TOTAL	5146.63	5146.63	3529.71