

DDG scheme, a component of RGGVY, is for the electrification of the villages, from conventional or renewable sources, where grid connectivity is either not feasible or not cost effective. Under DDG, 48 projects in Sidhi, Umaria, Balaghat and Shahdol districts based on Solar Photo Voltaic received from Government of Madhya Pradesh have been sanctioned with cost of Rs. 28.83 Crore. Under DDG, 90% of the project cost is provided by Central Government as subsidy.

Remote Village Electrification (RVE) Programme of Ministry of New and Renewable Energy (MNRE)

MNRE had been implementing RVE programme for providing financial support for electrification using various renewable energy sources in those remote unelectrified census villages and unelectrified hamlets of electrified census villages where grid extension was not found feasible by the State Governments and were not covered under RGGVY. Under RVE Programme, Central Financial Assistance of up to 90% of the costs of systems, subject to prespecified maximum amount for each technology, was provided for approved projects to the States including Madhya Pradesh.

New Power Projects

†306. SHRI TARUN VIJAY: Will the Minister of POWER be pleased to state:

(a) the number of the village in the country which are still without electricity and the details thereof, State-wise;

(b) the number of hydro power, nuclear power and thermal power projects that have been formulated to meet the power shortage; and

(c) the amount likely to be incurred thereon and the time by which these projects will be completed along with the areas where these projects will be set up?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA MADHAVRAO SCINDIA): (a) The Government of India launched 'Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY)-Programme for creation of Rural Electricity Infrastructure and Household Electrification, in April 2005 for providing access to electricity to rural households. Under the scheme, 648 projects covering electrification of 1,12,795 un/de-electrified villages as prepared by States in

† Original notice of the question was received in Hindi.

their Details Projects Reports (DPRs) have been sanctioned in the country. Cumulatively as on 31.01.2013, the electrification works in 1,06,474 un/de-electrified villages have been completed under RGGVY. The State-wise detail is given in Statement -I (*See below*)

(b) and (c) A Capacity addition of 88,537 MW has been planned from conventional sources for the 12th Five Year Plan on an all-India basis. This comprises of 10,897 MW hydro, 72,340 MW thermal and 5,300 MW nuclear. State-wise list of projects totaling 88,537 MW during 12th Plan is given in Statement-II (*See below*) Estimated fund requirement for the generation projects totaling 88,537 MW during 12th Plan is about Rs. 5,74,000 Crores.

Statement - I

State wise coverage and achievement of un/de-electrified villages under RGGVY

Sl. No.	State	Nos. of projects	Electrification of un/de-electrified villages	
			Coverage	Cumulative Achievement (as on 31.01.2013)
1	2	3	4	5
1.	Andhra Pradesh*	26	0	0
2.	Arunachal Pradesh	16	2106	1560
3.	Assam	23	8326	7990
4.	Bihar	54	23850	22565
5.	Chhattisgarh	18	1594	941
6.	Gujarat*	25	0	0
7.	Haryana*	21	0	0
8.	Himachal Pradesh	12	95	83

1	2	3	4	5
9.	Jammu and Kashmir	14	239	173
10.	Jharkhand	22	19071	18082
11.	Karnataka	27	61	62
12.	Kerala*	14	0	0
13.	Madhya Pradesh	52	843	566
14.	Maharashtra*	35	0	0
15.	Manipur	9	882	616
16.	Meghalaya	7	1866	1606
17.	Mizoram	8	137	94
18.	Nagaland	11	105	84
19.	Odisha	32	14715	14324
20.	Punjab*	17	0	0
21.	Rajasthan	40	4339	4102
22.	Sikkim	4	25	25
23.	Tamil Nadu*	29	0	0
24.	Tripura	4	148	143
25.	Uttar Pradesh	86	28439	27762
26.	Uttarakhand	13	1512	1511
27.	West Bengal	29	4442	4185
TOTAL		648	112795	106474

*In the States of Andhra Pradesh, Gujarat, Haryana, Kerala, Maharashtra, Punjab and Tamil Nadu, no un-electrified village was proposed in the DPRs by these States. However, intensive electrification of already electrified village are being undertaken in these States.

Statement -II*List of projects for likely benefits during 12th Plan - 88,537 MW*

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
NORTHERN REGION				
Delhi				
1.	Pragati - III (BAWANA) CCGT	Delhi	Gas/LNG	
	TOTAL (DELHI)			750
HARYANA				
1.	Indira Gandhi TPP (Jhajjar)	Haryana	Coal	500
	JV U-3			
2.	Mahatma Gandhi Jhajjar	Haryana	Coal	660
	TPP U2			
	TOTAL (HARYANA)			1160
HIMACHAL PRADESH				
1.	Parbati-II HEP	H.P.	Hydro	800
2.	Rampur-HEP	H.P.	Hydro	412
3.	Kol Dam HEP	H.P.	Hydro	800
4.	Chamera-III HEP	H.P.	Hydro	231
5.	Parbati - III HEP	H.P.	Hydro	520
6.	Kashang - I HEP	H.P.	Hydro	65
7.	Uhl-III HEP	H.P.	Hydro	100
8.	Sawara Kuddu HEP	H.P.	Hydro	111
9.	Kashang II and III HEP	H.P.	Hydro	130
10.	Sainj HEP	H.P.	Hydro	100

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
11.	Tidong-I HEP	H.P.	Hydro	100
12.	Sorang HEP	H.P.	Hydro	100
13.	Tangnu Romai-I HEP	H.P.	Hydro	44
14.	Budhil HEP	H.P.	Hydro	70
	TOTAL (HP)			3583
JAMMU AND KASHMIR				
1.	Kishan Ganga HEP	J and K	Hydro	330
2.	Uri-II HEP	J and K	Hydro	240
3.	Nimoo Bazgo HEP	J and K	Hydro	45
4.	Chutak HEP	J and K	Hydro	44
5.	Baglihar-II HEP	J and K	Hydro	450
	TOTAL (J&K)			1109
PUNJAB				
1.	Talwandi Sabo TPP U1-3	Punjab	Coal	1980
2.	Goindwal Sahib TPP U1, 2	Punjab	Coal	540
3.	Nabha TPP U-1,2	Punjab	Coal	1400
	TOTAL (PUNJAB)			3920
RAJASTHAN				
1.	RAPP U 7 and 8	Rajasthan	Nuclear	1400
2.	Kalisindh TPP U1	Rajasthan	Coal	600
3.	Chhabra TPP Ext U3, 4	Rajasthan	Coal	500
4.	Ramgarh CCGT	Rajasthan	Gas	160
5.	Jallipa Kapurdi TPP U 5-6	Rajasthan	Lignite	270
	TOTAL (RAJASTHAN)			2930

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
UTTAR PRADESH				
1.	Rihand TPP-III U 5,6	UP	Coal	1000
2.	Anpara-D TPP U 1,2	UP	Coal	1000
3.	Parichha TPP EXT U-5,6	UP	Coal	500
4.	Harduaganj TPP EXT U-9	UP	Coal	250
5.	Bara TPP U1-3	UP	Coal	1980
Total (UP)				4730
UTTARAKHAND				
1.	Tapovan Vishnugad HEP	Uttarakhand	Hydro	520
2.	Singoli Bhatwari HEP	Uttarakhand	Hydro	99
3.	Phata Byung HEP	Uttarakhand	Hydro	76
4.	Srinagar HEP	Uttarakhand	Hydro	330
TOTAL (UTTARAKHAND)				1025
TOTAL (NORTHERN REGION)				19207
WESTERN REGION				
CHHATTISGARH				
1.	Sipat-1 TPP U 3	Chhattisgarh	Coal	660
2.	Korba West St.III TPP U5	Chhattisgarh	Coal	500
3.	Marwah TPP U1-2	Chhattisgarh	Coal	1000
4.	Avantha Bhandar TPP U1	Chhattisgarh	Coal	600
5.	Maurti Clean Coal and Power Ltd. TPP U1	Chhattisgarh	Coal	300

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
6.	Lanco Amarkantak TPP U-3, 4	Chhattisgarh	Coal	1320
7.	Uchpinda TPP U1-3	Chhattisgarh	Coal	1080
8.	vinjkote (Darrampura) TPP U1-3	Chhattisgarh		900
9.	Akaltara (Nariyara) TPP U 1-3	Chhattisgarh	Coal	1800
10.	Kasaipalli TPP U 2	Chhattisgarh	Coal	135
11.	Swastik Korba TPPP U 1	Chhattisgarh	Coal	25
12.	Vandana Vidyut TPP U 1,2	Chhattisgarh	Coal	270
13.	Balco TPP U-1,2	Chhattisgarh	Coal	600
14.	Athena Singhtarai TPP U-1	Chhattisgarh	Coal	600
15.	D B Power TPP U-1,2	Chhattisgarh	Coal	1200
16.	TRN Energy TPP U-1,2	Chhattisgarh	Coal	600
17.	Ratija TPP	Chhattisgarh	Coal	50
18.	Raigarh TPP U1,2	Chhattisgarh	Coal	1200
TOTAL (CHHATTISGARH)				12840
GUJARAT				
1.	KAPP U-3,4	Gujarat	Nuclear	1400
2.	Sikka TPP Ext. U3	Gujarat	Coal	250
3.	Ukai TPP Ext. U3	Gujarat	Coal	500
4.	Pipavav JV CCGT Block-1,2	Gujarat	Gas/LNG	702
5.	Mundra UMPP, U 2	Gujarat	Coal	800

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
6.	Salaya TPP U 2	Gujarat	Coal	600
	TOTAL (GUJARAT)			4252
	MAHARASHTRA			
1.	Maunda TPP U1,2	Maharashtra	Coal	1000
2.	Chandrapur TPP Ext. U 8	Maharashtra	Coal	500
3.	Koradi TPP Ext U 8	Maharashtra	Coal	660
4.	Parli TPP U 3	Maharashtra	Coal	250
5.	India Bulls-Amravati TPP Ph-I, U1-5	Maharashtra	Coal	1350
6.	India Bulls-Nasik TPP Ph-I, U1-5	Maharashtra	Coal	1350
7.	Dhariwal Infrastructure (P) Ltd TPP U1,2	Maharashtra	Coal	600
8.	EMCO Warora TPP U 1,2	Maharashtra	Coal	600
9.	Butibori TPP Ph-II U 1			300
10.	Lanco Mahanadi, Vidarbha TPP U1,2	Maharashtra	Coal	1320
11.	Tiroda TPP PH-I U 1,2	Maharashtra	Coal	1320
12.	Tiroda TPP Ph-II U 1	Maharashtra	Coal	660
13.	GEPL TPP U-1,2	Maharashtra	Coal	120
14.	Bela TPP U 1	Maharashtra	Coal	270
	SUB TOTAL (MAHARASHTRA)			10300

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
MADHYA PRADESH				
1.	Vindhyachal TPP St-IV U-11, 12	MP	Coal	1000
2.	Satpura TPP EXT U-10,11	MP	Coal	500
3.	Shree Singhaji TPP U-1,2	MP	Coal	1200
4.	Annupur TPP Ph-I U1,2	MP	Coal	1200
5.	Bina TPP U 1,2	MP	Coal	500
6.	Sasan UMPP U 1,2	MP	Coal	1320
7.	Maheshwar HEP U I-10	MP	Hydro	400
8.	D B Power TPP, Sidhi U-1	MP	Coal	660
9.	Jhabua TPP U1	MP	Coal	600
	TOTAL (MP)			7380
	TOTAL (WESTERN REGION)			34772
SOUTHERN REGION				
ANDHRA PRADESH				
1.	Lower Jurala HEP	A.P.	Hydro	240
2.	Pulichintala HEP	A.P.	Hydro	120
3.	Nagarjuna Sagar TR HEP	A.P.	Hydro	50
4.	Sri Damodaram Sanjeevaiah TPP (Krishnapattnam TPP) U1,2	A.P.	Coal	1600
5.	Royal seema TPP U 6	A.P.	Coal	600

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
6.	Thamminapatnam TPP U3,4	A.P.	Coal	700
7.	Nagarjuna Construction Company Ltd Ph-I U-1,2	A.P.	Coal	1320
8.	Painampuram TPP U 1,2	A.P.	Coal	1320
9.	Bhavanapaddu TPP U-1,2	A.P.	Coal	1320
10.	Thamminapatnam TPP U1,2	A.P.	Coal	300
11.	Simhapuri TPP Ph-I, U 2	A.P.	Coal	150
12.	Hinduja TPP, U 1-2	A.P.	Coal	1050
	TOTAL (AP)			8770
	KERALA			
1.	Thottiar HEP	Kerala	Hydro	40
2.	Pallivasal HEP	Kerala	Hydro	60
	TOTAL (KERALA)			100
	TAMIL NADU			
1.	Kudankulam U 1,2	TN	Nuclear	2000
2.	PFBR (Kalpakkam)	TN	Nuclear	500
3.	Vallur (Ennore) TPP U 2,3	TN	Coal	1000
4.	Tuticorin TPP JV U1,2	TN	Coal	1000
5.	Neyveli II TPP U 2	TN	Lignite	250
6.	Bhawani Barrage HEP II and III	TN	Hydro	60
7.	Mettur TPP EXT U1	TN	Coal	600
8.	North Chennai TPP Ext U1,2	TN	Coal	1200
9.	Ind Barath TPP U 1	TN	Coal	660
	TOTAL (TN)			7270
	TOTAL (SOUTHERN REGION)			16140

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
EASTERN REGION				
BIHAR				
1.	Muzaffarpur (Kanti) TPP U 3,4	Bihar	Coal	390
2.	Barh STPP-I U 1,2,3	Bihar	Coal	1980
3.	Barh STPP-II U 1,2	Bihar	Coal	1320
4.	Nabinagar TPP U1-4	Bihar	Coal	1000
TOTAL (BIHAR)				4690
JHARKHAND				
1.	Bokaro TPP A Exp U 1	Jharkhand	Coal	500
2.	Koderma TPP U 2	Jharkhand	Coal	500
3.	Mata Shri Usha TPP Ph-I U 1,2	Jharkhand	Coal	540
4.	Adhunik Power and Natural Resources Ltd TPP U1, 2	Jharkhand	Coal	540
TOTAL (JHARKHAND)				2080
ODISHA				
1.	Derang TPP U1	Odisha	Coal	600
2.	Ind Barath Energy Pvt. Ltd. TPP U1,2	Odisha	Coal	700
3.	Lanco Babandh Dhenkanal TPP U 1	Odisha	Coal	660
4.	K.V.K. Nilanchal TPP U 1	Odisha	Coal	350
5.	Kamalanga TPP U 1-3	Odisha	Coal	1050

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
6.	Sterlite TPP U 4	Odisha	Coal	600
	TOTAL (ODISHA)			3960
	SIKKIM			
1.	Bhasmey HEP	Sikkim	Hydro	51
2.	Jorethang Loop HEP	Sikkim	Hydro	96
3.	Rangit-IV HEP	Sikkim	Hydro	120
4.	Teesta-VI HEP	Sikkim	Hydro	500
5.	Teesta-III HEP	Sikkim	Hydro	1200
6.	Chujachen HEP	Sikkim	Hydro	99
	TOTAL (SIKKIM)			2066
	WEST BENGAL			
1.	Teesta Low Dam-III HEP	WB	Hydro	132
2.	Teests Low Dam-IV HEP	WB	Hydro	160
3.	Raghunathpur TPP U1, 2	WB	Coal	1200
4.	Haldia TPP U1,2	WB	Coal	600
	TOTAL (WB)			2092
	TOTAL (EASTERN REGION)			14888
NORTH-EASTERN REGION				
	ARUNACHAL PRADESH			
1	Pare HEP	Ar. P	Hydro	110
2	Kameng HEP	Ar. P	Hydro	600
3	Subansiri Lower HEP	Ar. P	Hydro	1000
	Total (ARUNACHAL PRADESH)			1710

Sl. No.	Project Name	State	Fuel Type	Capacity (MW)
1	Bongaigaon TPP U 1,2,3	Assam	Coal	750
2	Namrup CCGT	Assam	Gas	100
	TOTAL (ASSAM)			850
1	New Umtru HEP	Meghalaya	Hydro	40
2	Myntdu St-I HEP ADDL UNIT	Meghalaya	Hydro	42
	TOTAL (MEGHALAYA)			82
1	Tuirial HEP	Mizoram	Hydro	60
	TOTAL (MIZORAM)			60
1	Tripura CCGT	Tripura	Gas	726.6
2	Monarchak CCGT	Tripura	Gas	101
	TOTAL (TRIPURA)			827.6
	TOTAL (NORTH-EASTERN REGION)			3530
	TOTAL ALL INDIA			88537

Power crisis in Bihar

†307. PROF. ANIL KUMAR SAHANI: Will the Minister of POWER be pleased to state:

- (a) the steps taken by Government to tide over the power crisis in Bihar;
- (b) whether Government has any plan to procure electricity from the neighbouring country, Nepal; and
- (c) if so, the details thereof?

†Original notice of the question was received in Hindi.