

Executive Summary

Of

RE Component of

DDUGJY

April-2017

Web & MIS Group

RE DIVISION



आर ई सी
REC

असीमित ऊर्जा, अनन्त संभावनाएँ
Endless energy. Infinite possibilities.

Scope & Cumulative Achievement

Projects Sanctioned under		X Plan	XI Plan	Total Phase I	XI Plan Ph-II	XII Plan	New (RE)	Others	DDG (XI, XII & New)	Stateplan	Grand Total
No. of Projects		235	341	576	72	273	636		4220		5777
Sanctioned Project Cost in Rs. Cr. (Effective cost)		12800.23	20200.80	33001.03	9320.53	23606.41	41410.8		1354.61		108693.38
Release in Rs. Cr.		12302.67	18291.05	30593.72	5137.99	9781.26	3775.39		251.32		49539.68
		96%	91%	93%	55%	41%	9%		19%		46%
Un-electrified Villages (UEV) (in Nos.)	Scope	63894	46976	110870	2207	9012	3900		3285		129274
	Ach.	63917	45945	109862	2016	6270	2056	819	594	776	122393
	%	100%	98%	99%	91%	70%	53%		18%		95%
Intensive Electrification of Villages(IEV) (in Nos.)	Scope	97188	212823	310011	52635	231852	173591				768089
	Ach.	96408	208636	305044	33870	76417	5500				420831
	%	99%	98%	98%	64%	33%	3%				55%
BPL HH covered (in Lakhs)	Scope	76.67	145.73	222.4	44.83	132.36	34.34		1.6		435.53
	Ach.	74.53	138.98	213.51	16.14	22.49	4.67		0		256.81
	%	97%	95%	96%	36%	17%	14%		0%		59%

341 Projects of XI Plan Phase-I

Statewise Status of Defects Reported & Rectified under 3-Tier Quality Control Mechanism

Sl. No.	Name of the State	Tier-I : TPIA (Third Party Inspection Agency)		Tier-II : RQM (REC Quality Monitoring)		Tier-III : NQM (National Quality Monitoring)	
		No. of Descrepancies Observed by TPIA	No. of Descrepancies rectified	No. of Descrepancies Observed by RQM	No. of Descrepancies rectified	No. of Descrepancies Observed by NQM	No. of Descrepancies rectified
1	Andhra Pradesh	6624	6624	1951	1951	668	668
2	Arunachal Pradesh	2615	2615	3383	3383	618	618
3	Assam	17916	17916	11912	11912	188	188
4	Bihar	40710	21828	13676	12826	1400	1151
5	Chhattisgarh	5084	5080	3913	3913	1494	1494
6	Gujarat	36686	36686	2641	2641	1667	1667
7	Haryana	18257	18257	2159	2159	447	447
8	Himachal Pradesh	1860	1860	2480	2480	2253	2253
9	J&K	11507	10866	5158	5158	318	265
10	Jharkhand	16476	16092	12549	12549	1162	1162
11	Karnataka	5204	5204	4600	4600	768	768
12	Kerala	264	264	281	281	210	210
13	MP	41306	38589	12791	12791	3451	3208
14	Maharashtra	31011	31011	4949	4949	3183	3183
15	Manipur	153	61	696	696	483	113
16	Meghalaya	1730	1730	1154	1154	554	554
17	Mizoram	1079	1079	193	193	113	113
18	Nagaland	1810	1810	540	540	188	188
19	Orissa	32972	29906	2814	2814	4159	4159
20	Punjab	12406	9756	2269	2269	1051	1051
21	Rajasthan	94635	93437	28112	28112	1882	1882
22	Sikkim	6	6	274	274	50	50
23	Tamil Nadu	15145	15145	6021	6021	1142	1142
24	Tripura	643	643	266	266	142	142
25	West Bengal	48288	48261	28461	28461	2213	2213
Total		444387	414726	153243	152393	29804	28889

* No major deficiencies observed, only minor deficiencies like tilting of Poles , missing danger plates, missing Barbed wire, missing piercing connector are observed.

341 Projects of XI Plan Phase-I

Statewise Status of Village Inspected under 3-Tier Quality Control Mechanism

Sl. No.	Name of the State	Tier-I : TPIA (Third Party Inspection Agency)		Tier-II : RQM (REC Quality Monitoring)		Tier-III : NQM (National Quality Monitoring)	
		Scope of TPIA	No. of Villages Inspected	Scope of RQM	No. of Villages Inspected	Scope of NQM	No. of Villages Inspected
1	Andhra Pradesh	2638	2969	586	586	58	58
2	Arunachal Pradesh	1488	1697	335	335	30	30
3	Assam	9282	5693	1923	1923	184	184
4	Bihar	5513	5003	1113	1053	119	119
5	Chhattisgarh	6741	4645	1360	1088	138	138
6	Gujarat	7027	6781	1560	1560	155	154
7	Haryana	2081	2030	461	461	43	43
8	Himachal Pradesh	3763	3853	965	965	87	87
9	J&K	1110	798	258	249	25	25
10	Jharkhand	6313	3863	1419	1299	130	130
11	Karnataka	2855	2688	713	713	58	58
12	Kerala	279	299	59	59	6	6
13	MP	11937	11485	2339	2175	229	219
14	Maharashtra	15516	17964	3637	3637	357	357
15	Manipur	902	0	182	56	19	15
16	Meghalaya	2072	598	422	422	42	42
17	Mizoram	200	205	41	41	6	6
18	Nagaland	482	479	100	100	10	10
19	Orissa	17743	14597	3782	3782	381	381
20	Punjab	3149	3096	645	645	65	65
21	Rajasthan	10566	9129	2201	2201	220	220
22	Sikkim	132	76	27	27	3	3
23	Tamil Nadu	4837	6955	1242	1242	102	102
24	Tripura	340	345	69	69	8	8
25	West Bengal	11950	9979	2490	2490	235	235
Total		128914	115227	27929	27178	2710	2695

1. In the state of **Kerala** all 6 projects have been recently sanctioned, similarly in Manipur sufficient progress is yet to come for the inspection to be done by RQM and NQM.

2. TPIA Reports from some of the states are awaited

72 Projects of XI Plan Phase-II

Statewise Status of Village Inspected under 3-Tier Quality Control Mechanism

Sl. No.	Name of the State	Tier-I : TPIA (Third Party Inspection Agency)		Tier-II : RQM (REC Quality Monitoring)		Tier-III : NQM (National Quality Monitoring)	
		Scope of TPIA	No. of Villages Inspected	Scope of RQM	No. of Villages Inspected	Scope of NQM	No. of Villages Inspected
1	Bihar	7066	1698	2826	1101	143	118
2	Chhattisgarh	602	582	241	241	12	5
3	Haryana	313	0	125	0	6	0
4	Karnataka	294	287	117	117	6	6
5	Kerala	313	212	128	128	7	7
6	MP	7915	3581	3169	1014	160	56
7	Maharashtra	684	570	166	166	11	5
8	Tamil Nadu	366	0	146	0	8	0
9	Uttar Pradesh	10166	681	3981	1566	199	109
10	West Bengal	150	0	61	5	3	1
Total		27869	7611	10960	4338	555	307

1. TPIA Reports from some of the states are awaited

State-wise Implementing agency- wise Sub-station Status (X,XI,XI,phase- II, XII & New plan)

Sl. No	Name of State	Implementing Agency	RE Components of DDUGJY															New S/S Sanctioned under New Plan	Commissioned 2017-18
			Nos.of S/s Sanctioned					Nos.of Commissioned & Charged					Bal.nos. of S/s yet to be erected						
			X	XI	XI-II	XII	Total	X	XI	XI-II	XII	Total	X	XI	XI-II	XII	Total		
1			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Andaman&Nicobar	ED&AN Admin																5	
2	Andhra Pradesh	EPDCL	4	3			7	4	3			7							
		SPDCL	1				1	1				1							
	Total Andhra Pradesh		5	3			8	5	3			8							
3	Arunachal Pradesh	Power Deptt.	2	20			22	2	20			22							
4	Assam	APDCL	3	23		20	46	3	23			26				20	20		
		PGCIL	3	4			7	3	4			7							
	Total Assam		6	27		20	53	6	27			33				20	20		
5	Bihar	NBPDCL		35	19	38	92		30	11	1	42		5	8	37	50	171	
		SBPDCL		2	17	8	27		2	14	1	17			3	7	10	117	
		NHPC	11	29			40	11	29			40							
		PGCIL	71	10			81	71	10			81							
	Total Bihar		82	76	36	46	240	82	71	25	2	180		5	11	44	60	288	
6	Chhattisgarh	NESCL		1			1		1			1							
		PGCIL		2			2		2			2							
		CSPDCL		7	1		8		7	1		8						80	
	Total Chhattisgarh			10	1		11		10	1		11						80	
7	Gujarat	UGVCL																4	
		MGVCL																16	
		DGVCL																5	
	Total Gujarat																	25	
8	Haryana	DHBVNL																5	
		UHBVNL																9	
	Total Haryana																	14	
9	Himachal Pradesh		1				1	1				1						16	
10	Jammu & Kashmir	NHPC	3	11			14	3	11			14						40	
		JKSPDCL	1	5			6	1	5			6						40	
	Total J & K		4	16			20	4	16			20						40	
11	Karnataka	HESCOM																4	
12	Kerala	KSEB		2			2		2			2						2	
13	Jharkhand	DVC	24	18			42	24	18			42							
		JBVNL	33			11	44	28				28	5			11	16	104	
		NTPC	4	28			32	4	27			31		1			1		1
	Total Jharkhand		61	46		11	118	56	45			101	5	1		11	17	104	
14	Maharashtra	MSDCL		3			3		3			3						215	
15	Madhya Pradesh	NESCL	4				4	4				4							
		MPPOKVCL		1			1		1			1						52	
		MPMKVCL				34	34				20	20				14	14	18	
		MPPsKVCL																65	
	Total MP		4	1		34	39	4	1		20	25				14	14	135	
16	Manipur	Power Deptt.	2	9		1	12	2	7			9		2		1	3		
17	Meghalaya	MSEB		5			5		2			2		3			3		
18	Mizoram	Power Deptt.	1	3		6	10	1	3			4				6	6		
19	Nagaland	Power Deptt.	2	8		1	11	2	8			10				1	1		

State-wise Implementing agency- wise Sub-station Status (X,XI,XI,phase- II, XII & New plan)

Sl. No	Name of State	Implementing Agency	RE Components of DDUGJY															New S/S Sanctioned under New Plan	Commissioned 2017-18
			Nos.of S/s Sanctioned					Nos.of Commissioned & Charged					Bal.nos. of S/s yet to be erected						
			X	XI	XI-II	XII	Total	X	XI	XI-II	XII	Total	X	XI	XI-II	XII	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
20	Odisha	NHPC	1	2			3	1	2			3							
		NESCL		14			14		14			14							
		PGCIL		15			15		15			15							
		CESU																	6
		NESCO																	2
		WESCO																	7
	Total Odisha		1	31			32	1	31			32							15
21	Rajasthan	AVVNL																	85
		JVVNL	1				1	1				1							107
		JdVVNL	1				1	1				1							16
	Total Rajasthan		2				2	2				2							208
22	Tamil Nadu	TANGEDCO																	108
23	Telangana	TNPDCL	2				2	2				2							
		TSSPDCL	1				1	1				1							84
	Total Telangana		3				3	3				3							84
24	Tripura	TSECL	1	4		9	14	1	4			5				9	9		
		PGCIL		3			3		3			3							
		NEEPCO				4	4									4	4		
	Total Tripura		1	7		13	21	1	7			8				13	13		
25	Uttar Pradesh	DVVNL	52			15	67	52				52				15	15		52
		MVVNL	40			23	63	37				37	3			23	26		58
		PGCIL	24		2	2	28	24		2	2	28							2
		PSVVNL	20				20	20				20							74
		PUVVNL	70				70	70				70							49
	Total Uttar Pradesh		206		2	40	248	203		2	2	207	3			38	41		233
26	Uttarakhand	UPCL	6				6	6				6							
27	West Bengal	NESCL	1				1	1				1							
		PGCIL	7	1			8	7	1			8							
		WBSEDCL	3	3		4	10	3	2		1	6		1		3	4		80
		NHPC		4			4		4			4							
	Total West Bengal		11	8		4	23	11	7		1	19		1		3	4		80
	Grand Total		400	275	39	176	890	392	263	28	25	708	8	12	11	151	182		3

Details of closed projects and Infrastructure created there under

S.No.	States	No. of Projects Closed				Final coverage & Executed Infrastructure as per closure																	
		X	XI	XI-II	Total	UEV/DEV (nos.)	IEV (nos.)	BPL Hhs (nos.)	Final Completion Cost (Rs. Lakhs)	New 33/11 kV S/s (nos.)	Aug of S/s (nos.)	33 kV line	DTs (nos.)								11 kV line (kms.)	LT line (kms.)	
													5 KVA	10 KVA	15 KVA	16 KVA	25 KVA	40 KVA	63 KVA	Total			Cap. (MVA)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
1	Andhra Pradesh	12	4	0	16	0	16114	1897972	54709.29293	8	16	250.37	0	40	15236	2910	339		0	18525	283.975	4375.727	15801.539
2	Arunachal Pradesh	2	14	0	16	2078	1305	39121	102758.52	22	1	709.5	1491	689	0	494	517		0	3191	35.174	9154.15	2426.18
3	Assam	3	20	0	23	7991	12114	1108385	244215.13	31	1	539.248	0	1085	0	19468	8371		0	25867	476.896	30153.115	34639.53
4	Bihar	25	11	0	36	16303	1025	859259	210908.53	81	22	1623.235	0	3070	0	23154	6915	22	0	33161	574.919	24118.389	26610.819
5	Chhattisgarh	3	9	0	12	121	10106	303327	43933.71	11	37	1.25	0	4052	857	2548	2206		0	9663	149.293	4567.1149	7105.0905
6	Gujarat	3	22	0	25	0	16144	745460	31469.23	0	0	0.00	3	346	0	1574	731		48	2702	49.96	1113.03	8861.45
7	Haryana	4	14	0	18	0	5137	193762	15524.19	0	0	0.00	0	0	0	260	4867		459	5586	154.75	1675.64	695.83
8	Himachal Pradesh	1	11	0	12	90	7896	15293	29748.51	1	8	0	0	15	0	237	1796		187	2235	60.623	1469.461	5843.112
9	Jammu & Kashmir	3	9	0	12	125	1161	31208	19249.25	4	8	26.414	0	2	0	187	1654		0	1843	44.362	1338.96	2984.65
10	Jharkhand	7	5	0	12	9072	3241	556249	118225.45	43	28	1004.589	0	13324	0	7562	2282		0	23168	311.282	16538.919	17121.906
11	Karnataka	17	8	0	25	55	21150	821863	79247.17011	0	5	0	0	0	86	0	13888		0	13974	348.49	3783.245	15444.3
12	Kerala	1	6	7	14	0	1087	113305	19750.41	2	5	2.50	0	0	0	0	1825		0	1825	45.63	1939.04	3563.69
13	Madhya Pradesh	8	8	0	16	165	12175	420002	71910.37	4	32	23.89	0	2523	721	4919	7145		0	15308	293.374	11918.97	10537.50
14	Maharashtra	4	30	0	34	0	35325	1198861	66320.46	3	14	0.00		191	1123	279	7108		14	8715	201.80	3526.50	9845.60
15	Meghalaya	2	3	0	5	1022	2425	84383	26795.13	1	0	5.77	34	412	0	686	1166		0	2298	44.416	2533.15	5906.94
16	Mizoram	2	6	0	8	170	517	26210	31213.71	4	0	200	0	0	0	0	742			742	18.55	1407.75	811.21
17	Nagaland	2	9	0	11	102	855	41788	21047.61	10	26.5	216.5	0	0	0	46	849		0	748	22.185	1140.04	1079.85
18	Odisha	4	23	0	27	3946	7524	685481	81301.28	8	51	106.6	0	10466	0	8066	2065		0	20597	285.341	11796.044	18605.65
19	Punjab	0	17	0	17	0	6131	72988	3490.44	0	0	0	0	0	0	0	4198		0	4198	104.95	555.3	38.39
20	Rajasthan	25	14	0	39	2909	24600	760824	82522.07	2	0	49.49	0	0	0	22473	5735		0	28208	502.943	13876.03	31567.56
21	Sikkim	2	2	0	4	25	412	13601	21244.72	0	0	0	0	282	0	0	122		0	404	5.87	608.06	791.88
22	Tamil Nadu	0	26	0	26	0	9673	501202	34120.25	0	0	0	0	0	0	4724	5405		0	10129	210.709	2646.53	1959.21
23	Telangana	5	5	0	10	0	9176	708865	31073.06	2	0	8.17	0	653	9448	4	536		1	10642	161.777	3150.909	11897.42
24	Tripura	1	3	0	4	141	620	106329	17421.06	6	1	102.5	0	962	0	626	237		0	1825	25.561	871.92	1879.69
25	Uttar Pradesh	63	0	0	63	27140	2991	888013	368493.19	197	281	2937.198	0	76379	0	27388	9076		0	112843	1428.9	48300.835	22069.552
26	Uttarakhand	13	0	0	13	1514	10042	202954	78200.09	6	13	118.448	0	508	0	9118	2872		0	12498	222.768	8582.528	11496.44
27	West Bengal	13	14	0	27	4183	10682	1223899	139377.58	13	1	178.237	0	7514	0	4558	6174		0	18246	302.418	10362.685	24447.348
Grand Total		225	293	7	525	77152	229628	13620604	2044270.41	459	551	8103.91	1528	122513	27471	141281	98821	22	709	389141	6366.91	221504.03	294032.34