

Village Electrification in Eastern States



सपना नहीं सच्चाई है, बिजली हमारे घर आई है,
अच्छे दिनों की शुरुआत है, अंधेरे में भी जगमग रात है।

DDUGJY: Sanction of New Projects

Under DDUGJY New projects **Rs 15,755 Crores** have been sanctioned for 4 Eastern States (Bihar, Odisha, Jharkhand & west Bengal):

Sl. No.	Major Components	Amount (Rs. Crore)
1	Electrification of Villages through Grid	438
2	Electrification of Villages through Off-Grid	284
3	SAGY	42
4	Metering	1,341
5	System strengthening and Access to households	5,630
6	Feeder Segregation	7,939
7	Provision for Project Management Agency	76
	TOTAL	15,755

Fund : Rs. 655 Crore has been released against above works

Village Electrification status

S.No.	Name of State	Balance UEV as on 31.03.2015	Un populated	Cumulative Achmt. as on 14.12.2016	Balance UEV as on 14.12.16
All India		18452	698	11265	6489
1	Bihar	2747		2104	643
2	Jharkhand	2525	44	1372	1109
3	Odisha	3474	486	1869	1119
4	WB	22		10	12
	<i>Sub Total</i>	<i>8768</i>	<i>530</i>	<i>5355</i>	<i>2883</i>

Villages yet to be Awarded

Out of 2883 un-electrified remaining villages in Eastern States, 473 villages are yet to be awarded by the 2 States, as below:

State	Balance un-electrified villages as on 14.12.2016	Un-awarded		
		Grid	Off-grid	Total
Bihar	643	-	-	-
Jharkhand	1109	-	230	230
Odisha	1119	-	243	243
West Bengal	12	-	-	-
Total	2883	-	473	473

Bihar

➤ Village Electrification:

As on 14.12.2016, 643 villages are yet to be electrified in the State.

Balance Villages (Nos)	Target			
	DEC	JAN	FEB	MAR
643 (all grid)	87 (Ach: 32)	147	207	232

Bihar: Issues

SL No	Name of District	Balance UE Villages	Imp Agency	Contracting Agency	Remarks/Reason for Delay
1	Katihar	439	NBPDCL	M/s Energo Engineering Proj Ltd	Recently awarded; manpower to be increased
2	Kaimur	17	SBPDCL	M/s ECI Engg & Construction Co. Ltd.	To be electrified through Off-grid; Discom to expedite award
3	Saharsa	78	NBPDCL	M/s Lumino Industries	Tower works to be expedited in the riverine area
4	West champaran	48	NBPDCL	M/s Ashoka Buildcon	
5	Saran	33	NBPDCL	M/s Ashoka Buildcon	

➤ Other Issues:

- i. Delay in commissioning of 55 Sub-stations (11 sub-stations of XI Phase-II & 44 Sub-Station XII plan)
- ii. Pending Railway clearances in 12 proposals of XI plan Phase-II projects SBPDCL – 4 (Nalanda 2, Bhojpur 1 & Nawada 1) & NBPDCL – 8 in Siwan

Bihar

DDUGJY New projects: (Rs 5,856.35 Cr)

A. DDUGJY Grid:

➤ **Sanction:** 38 Projects for **Rs. 5,856.35 Cr** sanctioned as under:

Feeder Segregation	: Rs 4,439.69 Cr	Metering	: Rs 141.86 Cr
SAGY	: Rs 1.96 Cr	System Strengthening	: Rs 1,243.70 Cr
PMA	: Rs 29.14 Cr		

➤ **Award Status:**

- Out of 38 projects, 36 projects awarded
- Remaining 2 projects (Lakhisarai & Arwal), Retendered & BOD on 03.01.2017

➤ **Fund release:**

- Rs. 349.63 Cr has been released as 1st installment
- Discoms to claim Rs 699.2 Cr towards 2nd instalment

State – Bihar

As per Census 2011

Villages	Habitation	Total RHH (in Lakhs)	Rhh Electrified (in Lakhs)	Unelectrified Rhh (in Lakhs)	% of RHH electrification
39073		169.27	17.60		10%

As per Data uploaded

40569	45816*	123.12	54.32	68.8	44%
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* HH data is received village wise only

As per PFA Document

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Confirmation of State for using DPR data : Yes

Validation Status (districts) : 38/38



Jharkhand

➤ Village Electrification:

As on 14.12.2016, 1109 villages are yet to be electrified in the State.

Balance Villages (Nos)	Target			
	DEC	JAN	FEB	MAR
1,109 (Grid- 879 & Off-grid- 230)	189 (Ach: 37)	239	337	381

Jharkhand: Issues

SL No	Name of District	Balance UE Villages	Imp Agency	Contractor	Reason for Delay
1	Garwa	63	JBVNL	Deptt. Execution	slow progress
2	Latehar	84	JBVNL		
3	Palamu	124	JBVNL		
4	Chatra	73	JBVNL	M/s Jyoti Structure Ltd	slow progress
5	Khunti	95	JBVNL	M/s Indo Nabeen	slow progress

➤ Other Issues:

- i. Abnormal delay in completion of 3 projects (Latehar, Palamu & Garwha; Sanctioned in November 2006)
- ii. Delay in commissioning of 11 Sub Stations: 6 Sub Stations of X plan (Latehar 1, Garwha 3 & Saraikela 2) & 3 Sub Stations of XI plan (Chatra 1, Ranchi 2)

Jharkhand

New projects: (Rs 3,885.23 Cr)

A. DDUGJY Grid:

➤ **Sanction: 24** projects costing **Rs. 3,696.21 Cr** sanctioned as under:

UEV Electrification works	: Rs	90.08 Cr	SAGY	: Rs.	3.12 Cr
System Strengthening & RHHs	: Rs.	1,067.57 Cr	Metering	: Rs.	317.56 Cr
Feeder segregation	: Rs	2,199.49 Cr	PMA	: Rs	18.39 Cr

(Physical scope: 290 UE villages and 19 SAGY villages)

➤ **Award Status:**

- UE works executing on Departmental basis.
- Total 12 pkg, bids under evaluation for 10 pkg & balance 2 pkg BoD-30.12.16

➤ **Fund release:**

- 1st instt. Claim received from State for Rs. 220 Cr; under process with REC

Jharkhand

B. DDUGJY Off-Grid:

- Rs 189.02 Cr sanctioned covering 433 UE Villages.
- **Award Status:**
 - 24 villages shifted to State plan
 - 179 village proposed to be electrified through grid
 - 203 villages bid received; cost higher; being put up to Monitoring Committee for approval
 - 27 villages no response; being re-tendered

State – Jharkhand

As per Census 2011

Villages	Habitation	Total RHH (in Lakhs)	Rhh Electrified (in Lakhs)	Unelectrified Rhh (in Lakhs)	% of RHH electrification
29492		46.86	15.14		32%

As per Data uploaded

32583	111374	56.44	22.81	33.63	39%
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As per PFA Document

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Confirmation of State for using DPR data : Yes

Validation Status (districts) : 24/24



Odisha

➤ Village Electrification:

As on 14.12.2016, 1119 villages are yet to be electrified in the State.

Balance villages	Target			
	DEC	JAN	FEB	MAR
1,119 (Grid- 876 & Off-grid- 243)	143 (Ach: 58)	272	383	432

Odisha: Issues

SL No	Name of District	Balance UE Villages	Imp Agency	Contractor	Reason for Delay
1	Angul	39	NESCL	M/s Visvanath Pvt Ltd, Hyd	Re-awarded
2	Boudh	24	PGCIL	M/s TATA Projects	Forest clearance recently received
3	Debgarh	16	NESCL	M/s Venus Control	Re-awarded
4	Gajapati	54	NESCL	M/S NSICL in JV with PSR Elecon	Poor performance
5	Kalahandi	86	NESCL	M/s Laser Cables	Poor performance
6	Kandhamal	50	NESCL	M/S OSIC	Ongoing
7	Kendhujhar	51	NESCL	M/s Godrej	Re-awarded

Odisha: Issues (Contd...)

SL No	Name of District	Balance UE Villages	Imp Agency	Contractor	Reason for Delay
8	Koraput	68	NESCL	M/s Punj Lyyod	Initially fund constraints; now work in progress
9	Malkangiri	110	PGCIL	M/s TATA Projects	Naxal affected; work completed in many villages but unable to visit
10	Rayagada	161	PGCIL	M/s TATA Projects	Poor performance
11	Sundargarh	65	PGCIL	M/s Vijay Electricals	Poor performance

Odisha

New projects: (Rs 1,751.56 Cr)

A. DDUGJY Grid:

- **Sanction: 30** projects costing **Rs. 1,656.51 Cr** sanctioned as under:

UEV Electrification works	: Rs 301.91 Cr	SAGY	: Rs. 36.81 Cr
System Strengthening & RHHs	: Rs. 726.65 Cr	Metering	: Rs. 440.93 Cr
Feeder segregation	: Rs 140.00 Cr	PMA	: Rs 8.23 Cr

(Physical scope- 521 UE villages and 35 SAGY villages)
- **Award Status:**
 - All 521 villages have been awarded
 - Other works also awarded by the State
- **Fund release:**
 - Rs. 62 Cr has been released as 1st instt.
 - Rs. 36 Cr balance 1st instalment & Rs 196 Cr as 2nd instalment to be claimed by the State

Odisha

B. DDUGJY Off-Grid:

- Rs 95.05 Cr sanctioned covering 274 UE Villages
- **Award Status:** (243 villages yet to be awarded out of 274)
 - 31 villages awarded through micro grid
 - 58 villages through Micro grid; NIT issued; BOD on 17.12.16
 - 185 through Stand alone; NIT issued; BOD on 20.12.16

State – Odisha

As per Census 2011

Villages	Habitation	Total RHH (in Lakhs)	Rhh Electrified (in Lakhs)	Unelectrified Rhh (in Lakhs)	% of RHH electrification
47677		81.44	28.99		36%

As per Data uploaded

48059	128920	80.98	44.55	36.43	55%
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As per PFA Document

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Confirmation of State for using DPR data : Yes

Validation Status (districts) : 06/30



West Bengal

➤ Village Electrification:

As on 14.12.2016, 12 villages are yet to be electrified in the State.

Balance villages (Nos)	Target			
	DEC	JAN	FEB	MAR
12 (all grid)	6 (Ach: Nil)	4	2	-

➤ Issues:

- Delay in commissioning of 4 sub-stations under XI Plan (Coochbehar 1, Purulia 3)

West Bengal

New projects: (Rs 4,262.15 Cr)

A. DDUGJY Grid:

- **Sanction: 18 projects costing Rs. 4,262.15 Cr** sanctioned as under:

UEV Electrification works	: Rs	46.86 Cr	SAGY	: Rs	0.60 Cr
System Strengthening & RHHs:	Rs	2,592.29 Cr	Metering	: Rs	441.22 Cr
Feeder Segregation	: Rs	1,159.98 Cr	PMA charges	: Rs	21.20 Cr

Physical scope: Electrification of 14 Un-electrified Villages & connecting 58,987 Rural Households

- **Award Status:**
 - All 14 villages awarded
 - For other works, Bids under evaluation
- **Fund release:**
 - Rs. 254.46 Cr has been released as 1st installment.

State – West Bengal

As per Census 2011

Villages	Habitation	Total RHH (in Lakhs)	Rhh Electrified (in Lakhs)	Unelectrified Rhh (in Lakhs)	% of RHH electrification
37463		137.17	55.28		40%

As per Data uploaded

37694	103770	151.75	131.53	20.22	87%
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As per PFA Document

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Confirmation of State for using DPR data : Yes

Validation Status (districts) : 18/18



thank you...



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Executive Director, REC & CEO, RECPDCL

State wise details of Ongoing RE Projects (X,XI & XII plans) (as on 30.11.2016)



S. No.	State	No. of projects	Funds (Rs Crore)			Un-electrified villages (Nos.)			Intensive electrification of villages (Nos.)			BPL HH connections (in Lakhs)		
			Sanction	Release		Scope	Cum. Achmt		Scope	Cum. Achmt		Scope	Cum. Achmt	
1	Bihar	129	12,475	7,479	60%	27,066	25,358	94%	40,483	23,406	58%	106.60	38.08	36%
2	Jharkhand	82	4,627	3,424	74%	19,143	18,481	97%	23,804	5,612	24%	20.02	12.75	64%
3	Odisha	70	6,953	4,295	62%	17,531	16,083	92%	67,592	29,022	43%	44.08	27.84	63%
4	West Bengal	36	3,294	2,624	80%	4,195	4,191	99%	29,557	29,087	98%	24.48	22.05	90%
	Total	317	27,350	17,823	65%	67,935	64,113	94%	1,61,436	87,127	54%	195.20	100.73	52%

DDUGJY: State-wise Sanction of New Projects

Component	Sanction cost (in Rs Crore)				
	Bihar	Jharkhand	Odisha	W. Bengal	Total
Electrification of villages (Grid)		90.08	301.91	46.86	438
Electrification of villages (Off-Grid)		189.02	95.05		284
SAGY	1.96	3.12	36.81	0.60	42
Metering	141.86	317.56	440.93	441.22	1,341
System Strengthening & connecting Rural HHs	1,243.70	1,067.57	726.65	2,592.29	5,630
Feeder Segregation	4,439.69	2,199.49	140.00	1,159.98	7,939
PMA	29.14	18.39	8.23	21.20	76
Total	5,856.35	3,885.23	1,749.58	4,262.15	15,755

