

Under **Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)** scheme in the state of Jharkhand Electrification of 246 villages of 09 districts is done through Solar Energy in decentralized mode. The electrification of these 246 villages through solar mini/micro grid & Solar Stand Alone system with total capacity 3.5 MW. Under the program 14155 households of 246 villages are provided Grid quality power through Power Distribution Network (PDN) .

The DDG project are financed by Rural Electrification Corporation, Ministry of Power, Govt. of India in which 60% of project cost has been provided as subsidy,30% cost as loan and balance 10% cost to Jharkhand State government.

Summary of Installed Solar Mini/Micro Grid SPV Plant under DDUGJY(off-grid) FY 2017-18

Sr. No.	District	Total No. of Village Electrified	Solar Mini Grid Plant	Solar Stand-Alone	Capacity(kWp)
1	Chatra	80	68	12	1418.8
2	Gumla	23	23	0	386
3	Hazaribagh	17	14	3	171.6
4	Latehar	05	0	5	74.4
5	Sahibganj	42	37	5	317
6	West-Singbhum	54	51	3	923
7	Pakur	18	17	1	140.4
8	Simdega	06	6	0	169
9	Saraikela-Kharsawan	01	0	1	3
Total		246	216	30	3599.2

Details of Solar Stand Alone System under SAUBHAHYA Scheme in Jharkhand

Sr. No.	District Name	Rural Offgrid HHs/2018-19	Capacity(kWp)
1	Chatra	2165	433
2	Gumla	182	36.4
3	Hazaribagh	228	45.6
4	Latehar	11	2.2
5	Pakur	594	118.8
6	Sahibganj	1311	262.2
7	Saraikela Kharsawan	447	89.4
8	Simdega	76	15.2
9	West Singhbhum	885	177
10	Bokaro	15	3
11	East Singhbhum	97	19.4
12	Giridih	49	9.8
13	Godda	1560	312
14	Khunti	120	24
Total		7740	1548

Government of Jharkhand Rural Electrification Programme through Solar PV System FY 2021-22

S. No.	Name of District	Nos. of Village	Nos. of House Holds	Type of System
1	Chatra	2	95	Solar Standalone System
2	Hazaribagh	9	205	Solar Standalone System
3	Khunti	1	100	Solar Standalone System
4	Pakur	30	999	Solar Standalone System
5	Sahibganj	47	1546	Solar Standalone System
1	Chatra	2	610	Solar Mini/Micro Grid System
2	Hazaribagh	1	140	Solar Mini/Micro Grid System
3	Sahibganj	9	1391	Solar Mini/Micro Grid System
4	Simdega	4	180	Solar Mini/Micro Grid System

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