

**CHHATTISGARH
PROJECTS COMMISSIONED**

Sl no.	Name of Project	type	District	Unit Capacity (no.xkW)	Total Capacity kW	Net Head m	Design Discharge (cumecs)	Turbine		Commissioning Schedule	Grid/ Voltage/ Isolated	Units Generated	Remarks
								Type	Make				
1	Rudri	DB	Durg	2x100	200			Tubular S-Type	Jyoti	1990			CSEB
2	Korba	DB	Bilaspur		1600			S-Type full Kaplan	L&T voith				CSEB
3	Gangrel-I	DB	Raipur	2x2500	5000			Kaplan		2007			CSEB
4	Gangrel-II	DB	sirguja	2x2500	5000			Kaplan	Alstom	2005			CSEB
5	Sikasar	DB	Bilaspur	2 x 3500	7000								Private
6	Korba-II	DB	sirguja		1000								Private
7	Gangrel dam toe Mahanadi Reservoir	DB	Dhamtri		1200					23.11.11			Savitri Power projects
8	Jatashankari	DB	Korba		7000					2012-13			M/S Shalivahana Green Energy Ltd.
9	Mahan-3	DB	Mahan		24000					13-03-2013			M/S Venika Hydro Projects Pvt. Ltd.

Sities visited by AHEC shown in Bold

TOTAL = 52000

**CHHATTISGARH
IDENTIFIED FUTURE PROJECTS**

Sl no.	Name of Project	Initial identification	District	Category	river/canal	Capacity(kW)	Head (m)	Discharge (Cumecs)	Remarks	Annual Rainfall	Annual Generation (MU)	Cost of generation (Rs/kWh)	Prioritization	Ground Truthing Status	Longitude			Latitude			
															Deg	Min	Sec	Deg	Min	Sec	
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	Akaltara RD 40500	CSEB	Bilaspur	CB	Pranhita	350	5.63	8.30	Site Identified	1346.10	2.63	3.05	I	Y							
2	Akaltara-I		Bilaspur	CB	ABC	700	4.52	30.48	IPP	1346.10											
3	Akaltara-II		Bilaspur	CB	ABC	325	4.13	12.64	IPP	1346.10											
4	Akaltara-III		Bilaspur	CB	ABC	450	6.98	8.63	IPP	1346.10											
5	Amabal		Bastar	ROR	Narangli	1000	6.00	29.45			3.50	3.65	I	Y							
6	Aml		Khargaon	CB		250															
7	Andhiyarkore		Raipur	ROR	Udanti river	1000	30.00	5.94			3.50	2.68	I	N							
8	Arsia		Raisen	Dam Toe		1500															
9	Bagdhara		Durg	ROR	Hanp River	1000	10.00	16.86			3.50	3.77	I	Y							
10	Bahadurpur K.C.		Bilaspur	ROR	Pranhita	10	10.00	0.15	Site Identified	1346.10	0.04	6.56	II	Y							
11	ballar		Surguja	ROR	Atem	8000	40.00	24.00							82.00	42.00	30.00	22.00	59.00	0.00	
12	Banhill	CSEB	Bilaspur	ROR	Pranhita	250	30.00	3.80	Site Identified	1346.10	0.44	1.35	I	Y							
13	Barna		Raipur	ROR	Pairi	2500	10.00	34.42			8.76	3.71	I	Y							
14	Baronda		Bilaspur	CB	Champa BC	825	6.97	17.22	Site Identified	1346.10	0.44	7.97	II	Y							
15	Basti		Rajnandga	Dam Toe		400	20.99	6.35	IPP	1217.30											
16	Bishrar		Bastar	CB		4000															
17	bisrar		Bilaspur	Dam Toe	Ghanjha	250	6.70	3.70	Site Identified	1346.10											
18	Chakka-Bakka		Bilaspur	ROR	Mahanadi C	200	30.00	1.56	Site Identified	1346.10											
19	Chamma I		Bilaspur	CB	Champa BC	600	3.26	35.20	IPP	1346.10											
20	Chamma II		Bilaspur	ROR	Pranhita	250	30.00	2.25	Site Identified	1346.10											
21	Champa		Bilaspur	ROR	Bishrar	100	35.00	0.51			0.35	3.42	I	Y							
22	Chhirpani		Bastar	ROR	Indravati	1100	100.00	5.00	IPP	1506.40											620.00
23	Dharamjaigarh		Bilaspur	CB		1500			DPR Ready	1346.10											
24	dudhava		Surguja	Dam Toe		6000			Site Identified	1311.00											
25	Dudhava		Bastar	CB	Madin	300			Site Identified												
26	Dumartoli		Raipur	Dam Toe		10000															
27	Fingeshwar		Bilaspur	ROR	Pranhita	200	60.00	0.52	Site Identified	1346.10	0.70	2.85	I	Y							
28	Ganeshpur		Bilaspur	ROR	Pranhita	250	70.00	0.49	Site Identified	1346.10	0.88	2.51	I	Y							
29	Ganguta		Raipur	Dam Toe		650			Site Identified	1325.70											
30	Gej		Bilaspur	CB		500	8.77	7.89	IPP	1346.10											340.00
31	Ghongha		Raipur	CB		6000															320.00
32	ghongha		Dantewara	ROR	Chakkabukka nallah	8000	220.00	4.29							81.00	57.00	0.00	18.00	42.00	0.00	708.00
33	gondli		Bilaspur	CB	Shakti C	675	4.20	32.30	Site Identified												
34	Gullu-I		Sarguja	CB	Shyam LBC	200	5.50	7.01	Site Identified	1311.00											650.00
35	Gullu-I & II		Sarguja	CB	Shyam RBC	200	5.56	5.15	Site Identified	1311.00											
36	Indrawati		Dantewara	ROR	Chakkabukka nallah	8000	140.00	7.75							81.00	56.00	0.00	18.00	40.00	0.00	540.00
37	Indrawati-I		Rajgarh	Dam Toe	Pranhita	250	11.80	7.50	Site Identified	1025.10											
38	Jadjada		Raipur	CB	Sondur C	1000	5.30	28.30	Site Identified	1325.70	4.38	2.73	I	Y							510.00
39	Janjgir Br. Canal		Durg	CB	Tandula	800	4.46		Site Identified	1262.20											380.00
40	Jelha		Raipur	ROR	Sukh Nala	1000	20.00	9.45			3.50	3.65	I	N							
41	Jhumka		Raigarh	ROR	mand Mahanadi Reservoir	2000	37.00	6.28+40%							83.00	16.00	44.00	22.00	29.00	29.00	
42	Jhumka I		Dhamtari	ROR		1000	8.00	17.97							81.00	34.00	0.00	20.00	38.00	0.00	
43	Jhumka II		Surguja	ROR	Ganguta	2000	95.00	2.00							83.00	21.00	15.00	22.00	56.00	30.00	

Sl no.	Name of Project	Initial identification	District	Category	river/canal	Capacity(kW)	Head (m)	Discharge (Cumecs)	Remarks	Annual Rainfall	Annual Generation (MU)	Cost of generation (Rs/kWh)	Prioritization	Ground Truthing Status	Longitude			Latitude		
															Deg	Min	Sec	Deg	Min	Sec
44	Jondhara-I		Raipur	ROR		150	30.00	0.72			0.53	4.00	I	Y						
45	Jondhara-II		Jashpur	ROR	lb	10000	130.00	516.00							83.00	57.00	0.00	22.00	54.00	36.00
46	Kachanda		Raipur	ROR		250	48.00	0.72			0.88	3.42	I	Y						
47	kasdol		Baster	ROR	Indrawati	15000	20.00	120.00							81.00	41.00	45.00	19.00	11.00	45.00
48	Kedar nallah		Baster	ROR	Indrawati	10000	15.00	80.00							81.00	53.00	17.00	19.00	9.00	0.00
49	Kendai		Raipur	ROR	Sondur nadi	1000	20.00	5.76			3.50	3.65	I	Y						
50	Khairgarh		Korba	ROR	Jatashankari	7000	180.00	4.37							82.00	25.00	0.00	22.00	35.00	0.00
51	Kharang		Surguja	ROR	Rehar	5000	26.00	22.42							82.00	48.00	50.00	23.00	39.00	29.00
52	Kharang left bank		Sarguja	ROR	Sone	250	30.00	1.83	Site Identified	1311.00										
53	kharkhara		Sarguja	ROR	Sone	200	30.00	1.82	Site Identified	1311.00										
54	khumar pakut		Bilaspur	ROR	Seonath	23000	10.00	297.93			80.59	3.65	I	N						
55	Khutgoan		Bilaspur	ROR	Seonath	23000	10.00	297.93			80.59	3.65	I	N						
56	khutta-palli		Bilaspur	ROR	Baroi	15	10.00	0.22			0.05	5.71	I	Y						
57	kodar		Raipur	ROR	Mahanadi	10000	10.00	133.37			35.04	3.65	I	Y						
58	Kolab - IV	AHEC	durg	Dam Toe		3000	14.54	28.45			8.01	2.99	I	Y						
59	Kondagoan	CSEB	kanker	Dam Toe		2000	10.55	28.59			3.63	4.41	I	Y						
60	Korba-NTPC	AHEC	durg	Dam Toe		1500	7.20	26.69			5.29	2.27	I	Y						
61	Kotaiveera	AHEC	bilaspur	Dam Toe		1000	7.62	19.18			2.01	3.98	I	Y						
62	kunwarpur	CSEB	raipur	Dam Toe		500	4.83	17.51			1.05	4.27	I	Y						
63	kurubhata	CSEB	ambikapur	Dam Toe		500	9.14	7.02			1.50	2.67	I	Y						
64	Kutta Pali	CSEB	Ambikapur	Dam Toe		500	9.00	8.78			1.75	2.28	I	Y						
65	Lal		Koriya	ROR	Hasdo & Dhunri	2000														
66	Madhopali	AHEC	raigarh	Dam Toe		200	18.00	1.82			0.49	4.08	I	Y						
67	Madin	AHEC	Durg	Dam Toe		100	6.50	2.21			0.45	3.14	I	Y						
68	Mahan III		Sarguja	ROR	Mahan	152														
69	Mahan IV		Sarguja	ROR	Mahan	245														
70	Mahanadi MC RD 74200	AHEC	Ambikapur	Dam Toe		100	7.51	1.73			0.36	3.36	I	Y						
71	Mahanadi MC RD 87009	AHEC	Ambikapur	Dam Toe		80	9.79	1.05			0.42	3.06	I	Y						
72	Mahanadi Reservoir	AHEC	sarguja	Dam Toe		10	8.53	0.15			0.08	2.33	I	Y						
73	Mahanadi Reservoir	AHEC	Bilaspur	Dam Toe		1500	9.27	20.03			2.19	5.49	II	Y						
74	Malenger	AHEC	jagdarpur	Dam Toe		500	9.11	7.50			0.70	5.71	II	Y						
75	Malenger	AHEC	raigarh	Dam Toe		300	12.10	2.84			0.47	5.10	II	Y						
76	Mand	AHEC	rajandgoar	Dam Toe		250	9.93	3.46			0.32	6.36	II	Y						
77	Mangra	AHEC	raipur	Dam Toe		200	5.78	4.82			0.32	5.57	II	Y						

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															Deg	Min	Sec	Deg	Min	Sec		
1	2		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
78	maniyari	CSEB	ambikapur	Dam Toe		100	5.22	2.45			0.17	6.94	II	Y								
79	Maniyari main canal-2	AHEC	Raipur	Dam Toe		100	5.30	3.01			0.19	6.34	II	Y								
80	Manpur	AHEC	Raipur	Dam Toe		100	6.60	1.82			0.10	9.58	II	Y								
81	matiaomoti	AHEC	Rajnandga	Dam Toe		100	6.64	1.81			0.14	8.57	II	Y							450.00	
82	Moorumsil	AHEC	Rajnandga	Dam Toe		25	2.81	7.51			0.03	6.90	II	Y							380.00	
83	narayanpur	AHEC	Bilaspur	CB		200	1.20	19.18			0.42	6.96	II	Y								
84	Nauga 1		Koriya	ROR	Hasdo	2000																
85	Nawagarh	AHEC	Bilaspur	CB	mai canal-2	250	21.00	19.18			0.40	8.68	II	Y							300.00	
86	Ogway	AHEC	rajangwar	CB	right bank main canal	100	4.10	3.01			0.19	7.48	II	Y								
87	Painy	AHEC	Rajnandga	CB	right bank main canal	100	3.26	2.36			0.17	7.99	II	Y								
88	paralkot	AHEC	Rajnandga	CB	main canal	100	4.61	3.49			0.13	9.88	II	Y							880.00	
89	pipariya	AHEC	raipur	CB	left bank canal	50	1.35	4.56			0.10	7.14	II	Y								
90	pipariya	AHEC	Raipur	CB	right bank main canal	50	1.40	4.20			0.10	7.00	II	Y							470.00	
91	Rajim		Rajnandga	ROR	Amner	2000	10.00	2.74			0.70	4.00	I	Y							440.00	
92	Rakasganda		Raipur	ROR	Tel	16000	20.00	104.34			56.06	2.40	I	N								
93	rampur		Sarguja	ROR	Son	4500	60.00	9.39			15.77	2.57	I	Y								
94	Rehar - II		Baster	ROR	Kolab	15000	24.00	80.00							82.00	9.00	48.00	18.00	48.00	4.00		
95	Rundala		Baster	ROR	Kolab	15000	24.00	80.00							82.00	9.00	43.00	18.00	49.00	18.00		
96	ruse		Baster	ROR	Kolab	15000	24.00	80.00							82.00	8.00	5.00	18.00	46.00	36.00		
97	Saido		Jashpur	ROR	Rehar	5000	25.00	23.25+40%							83.00	57.00	2.00	22.00	26.00	13.00	322.00	
98	saroda		raigarh	ROR	Mand river	9000	10.00	124.36			31.54	2.57	I	Y								
99	saroda		raigarh	ROR	Lath	1000	30.00	5.03			3.50	2.68	I	N							340.00	
100	Shakti		Ambikapur	ROR	Mangarda	8000	180.00	4.97							83.00	21.00	0.00	22.00	53.00	0.00		
101	Shyam LBC		Bastar	ROR	Indravati	750	80.00	1.24	Site Identified	1506.40	2.63	2.28	I	Y							220.00	
102	Shyam RBC		Dantewara	ROR	Malenger	15000	170.00	13.20							81.00	22.00	47.00	18.00	32.00	30.00		
103	shyamLBC		Raigarh	ROR	Mand	5000	95.00	6.11+40%							83.00	22.00	21.00	22.00	29.00	45.00		
104	shyamRBC		Rajnandga	ROR		300	30.00	12.88	Site Identified	1217.30												
105	sikasar		Rajnandga	ROR	Kotri	250	5.00	6.43			0.88	4.68	I	N								
106	sikasar		Bastar	ROR	Indravati	200	35.00	0.83	Site Identified	1506.40	0.70	3.14	I	Y							460.00	
107	Siksar		Bastar	ROR	Indravati	20	10.00	0.32	Site Identified	1506.40	0.04	6.56	II	N								
108	simoga		Raipur	ROR	Mahanadi	3000	10.00	42.52			10.51	3.65	I	Y								
109	sirbula		Surguja	ROR	Rehar	9000	22.00	50.00							82.00	42.00	55.00	23.00	53.00	20.00		
110	Sondur		Raipur	ROR	Jonk river	8000	20.00	53.19			28.03	3.42	I	Y								
111	Sondur		Sarguja	ROR	Sone	100	35.00	0.40	Site Identified	1311.00	0.35	3.14	I	N								
112	Sondur RD 14225		Dantewara	ROR	Sabari	18000	12.00	189.00							81.00	52.00	30.00	18.00	37.00	30.00		
113	sondure		Sarguja	ROR	Sone	30	18.00	0.26	Site Identified	1311.00	0.11	6.56	II	N								
114	Sundarpur		raipur	ROR	Seonath	12000	13.00	130.36			42.05	3.65	I	Y								
115	surhi		Raipur	ROR	Surangi	100	5.00	4.08			0.35	4.57	I	Y								
116	surhi		Raipur	ROR	Mahanadi	250	30.00	7.50	Site Identified	1325.70												
117	Tandula		Raipur	ROR	Sondur Reservoir	1000	9.44								82.00	6.00	0.00	20.00	14.00	0.00		
118	tandula		Surguja	ROR	Rehar	5000	10.00	50.00							82.00	53.00	53.00	23.00	19.00	47.00		
119	Taraju		Sarguja	ROR	Rehar	548																
120	Tirla		jagdalpu	ROR	Kolab	2000																
121	Upper Kolab		Raipur	ROR	Pranhita	250	80.00	0.50	Site Identified	1325.70	0.88	2.97	I	Y								
TOTAL =						369660																

**CHHATTISGARH
PROJECTS UNDER CONSTRUCTION**

Sl no.	Name of Project	Type	District	Unit Capacity (no.xkW)	Total Capacity kW	Net Head m	Design Discharge (cumecs)	Remarks
1	bhagdharma	ROR	Bastar		8000			
2	dudumma I	CB	Sirguja		7500			
3	dudumma II	CB	Sirguja		6750			
4	ganeshpur	ROR	Sirguja		9000			
5	gungata	ROR	Dantawara		5000			
6	jatashankri	ROR	Dantawara		7000			
7	jilha	ROR	Bastar		5000			
8	kanhar	ROR	Jeshpur		8000			
9	kolab II	CB	Dhamtri		24000			
10	kotebira	ROR	Sirguja		24000			
11	kumarta	ROR	Bastar		6000			
12	mahan III	CB	Bastar		24750			
13	mahan IV	CB	Sirguja		5000			
14	mainpat	ROR	Raigargh		7500			
15	malengar	ROR	Raigargh		9000			
16	mandu	ROR	Sirguja		24000			
17	mardum	ROR	Sirguja		4500			
18	rehar I	CB	Sirguja		24000			
19	rkasganda	ROR			9000			
20	shabri	ROR			18000			
21	Sondhur	ROR	Raipur		500			M/S Wat-ere-source Technologies Pvt. Ltd
22	Kolab-3	ROR	Bastar		15000			M/S Balaji Hydro Electric Ltd.
23	Kolab-1	ROR	Bastar		15000			M/S Pattu Power Projects Pvt. Ltd
24	Kolab-4	ROR	Bastar		15000			M/S Padma Priyan Energy Solutions
25	Indrawati-1	ROR	Indrawati		9990			M/S Central India Energy Consortium (P) Ltd

Sl no.	Name of Project	Type	District	Unit Capacity (no.xkW)	Total Capacity kW	Net Head m	Design Discharge (cumecs)	Remarks
26	Koti-Kharra	ROR	Gej		5000			M/S Korba Hydro Power Pvt. Ltd
27	Taraju	ROR	Rehar		2000			M/S Venika Hydro Projects Pvt. Ltd.
28	Kanhar-1	ROR	Kanhar		6000			M/S C.G Energy Consortium India Pvt Ltd
29	Bamnidihi	ROR	Hasdo		2000			M/S Sri Aditya Green Power Pvt Ltd
30	Mahatara	ROR	Hasdo		2000			M/S Sri Aditya Green Power Pvt Ltd
31	Birla	ROR	Shabari		2000			M/S Venika Green Power Pvt. Ltd.
32	Kikripal	ROR	Shabari		19000			M/S Venika Hydro Projects Pvt. Ltd.
33	Tiria	ROR	Shabari		2000			M/S Katya Power Projects Pvt. Ltd.
34	Devpahari	ROR	Chornai		1000			M/S Korba Hydro Power Pvt. Ltd
35	Naugal-1	ROR	Hasdo		12000			M/S Venika Green Power Pvt. Ltd.
36	Lai	ROR	Hasdo & Dhunri Nala		7500			M/S Venika Hydro Projects Pvt. Ltd.
37	Gopad-1	ROR	Gopad		3000			M/S Central India Energy Consortium (P) Ltd
38	Gopad-2	ROR	Gopad		2000			M/S Central India Energy Consortium (P) Ltd
39	Salgawan	ROR	Gopad		2000			M/S North East Hydro Energy (P) Ltd
40	Ghamarmund	ROR	Indrawati		21000			M/S GS Energies (P) Ltd
41	Mahan	ROR	Mahan		24750			M/S Venika Hydro Projects Pvt. Ltd.
42	Bengoli	ROR	Indrawati		5000			M/S C.G Energy Consortium India Pvt Ltd
43	Idwara	ROR	Indrawati		5000			M/S C.G Energy Consortium India Pvt Ltd
44	Shyam-RBC	CB	Shyam Dam		1500			M/S Venika Hydro Projects Pvt. Ltd
45	Shyam-LBC	CB	Shyam Dam		1500			M/S Venika Hydro Projects Pvt. Ltd
46	Hasdeo	ROR	Hasdo		2000			M/S Vision Energy Infra Pvt Ltd
47	Hasdeo(Canal Fall)	CB	Bango Dam		1000			M/S Korba Hydro Power Pvt. Ltd

Sl no.	Name of Project	Type	District	Unit Capacity (no.xkW)	Total Capacity kW	Net Head m	Design Discharge (cumecs)	Remarks
48	Maini	ROR	Maini		2000			M/S Vision Energy Infra Pvt Ltd
49	Gagar	ROR	Gagar		6000			M/S North East Hydro Energy (P) Ltd
50	Gangotri	ROR	Mahan		10000			M/S Bhagirath Power Project (P) Ltd
51	Mohanpur	ROR	Rehar		8000			M/S Anantha Power projects Pvt. Ltd
52	Shiv Tekari	ROR	Shivnath		14000			M/S BSBK Pvt Ltd
53	Somnath	ROR	Shivnath		7500			Pvt.
54	Ramaram	ROR	Shabari		5000			Pvt.
55	Balashiv	ROR	Hasdeo & Bania Nala		5000			Pvt.
56	Jindal	ROR	Kurket Dam		6000			M/S Jindal Power Ltd.
57	Naugal-2	ROR	Hasdo		21000			Pvt.
58	Mahan-5	ROR	Mahan		13000			Pvt.
59	Kerlapal	ROR	Shabari		3000			Pvt.
60	Dubbatota	ROR	Shabari		5000			Pvt.
61	Dornapali	ROR	Shabari		5000			Pvt.
62	Peddakurti	ROR	Shabari		5000			Pvt.
63	Madanpur	ROR	Chulya Nallah		1000			Pvt.
64	Gullu	ROR	Jeshpur		24000			
65	Mahan-1	ROR	Mahan		17000			
66	Mahan-2	ROR	Mahan		24750			
67	Sukma	ROR	Jeshpur		24000			
68	Mander-1	ROR	Indrawati		24750			
69	Mander-2	ROR	Indrawati		24750			
Total					676490			