

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
STARRED QUESTION NO.234
ANSWERED ON 16.03.2023**

ONGOING HYDRO-POWER PROJECTS

†*234. SHRI NIHAL CHAND:

**Will the Minister of POWER
be pleased to state:**

- (a) the details of the number of ongoing hydro-power projects across the country, State/UT-wise including Rajasthan;**
- (b) whether any hydro-power projects have been halted due to lack of budget or other financial reasons;**
- (c) if so, the details thereof;**
- (d) whether the Union Government has received any proposal/proposals regarding hydro-power project from Rajasthan; and**
- (e) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS**

(a) : At present, 211 Hydro Electric Projects (above 25 MW capacity), with an aggregate installed capacity of 46850 MW are under operation in the country. The State/UT-wise details of these projects, including the State of Rajasthan, are given at Annexure-I. Besides, 41 Hydro Electric Projects (above 25 MW capacity), totalling to 17,803.5 MW are under implementation in the country. Out of these projects, 32 Hydro Electric Projects, totalling to 16,567.5 MW are under active construction and 9 Hydro Electric Projects, totalling to 1,236.0 MW are held-up. The details of these projects are furnished at Annexure-II. Presently, no Hydro Electric Project (above 25 MW) is under implementation in the State of Rajasthan.

In addition, 1167 Small Hydro Electric Projects (SHPs: below 25 MW capacity) with an aggregate installed capacity of 4935.65 MW are under operation and 102 SHPs, with a total installed capacity of 556.05 MW are under construction in the country. The State/UT-wise details of these projects, including the State of Rajasthan, are given at Annexure-III.

(b) & (c) : 6 Hydro Electric Projects (above 25 MW capacity), totalling to 717 MW are presently held-up mainly due to lack of budget/fund constraint with the developer (1 project in State Sector and 5 projects in Private Sector). The details of these 6 held up projects are furnished at Annexure-IV.

(d) & (e) : The Central Electricity Authority (CEA) has informed that proposals for three (3) Pumped Storage Projects (PSPs) in Rajasthan with an aggregate installed capacity of 5560 MW are currently under Survey and Investigation by the developer in consultation with CEA, Central Water Commission (CWC), Geological Survey of India (GSI) and Central Soil and Materials Research Station (CSMRS) for preparation of Detailed Project Report (DPR). After preparation of DPR, it is submitted to CEA for concurrence. The details of these projects are as under:

Sl. No.	Project	District	Developer	Installed Capacity (MW)
1	Shahpur PSP	Baran	Greenko	1800
2	Sukhpura Off-Stream PSP	Chittorgarh	Greenko	2560
3	Sirohi	Sirohi	JSW	1200
TOTAL				5560

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS

**State-wise/Station-wise Installed Capacity of H.E. Stations in the Country
(Above 25 MW Capacity)**

Sl. No.	Utilities/Stations	No. of Stations	Type of Project	Capacity (MW)	Design Energy (MU)
	Conventional H. E. Stations				
	Northern Region				
	BBMB				
	HIMACHAL PRADESH				
1	Bhakra Left	1	MP	612	3924
2	Bhakra Right	1	MP	785	
3	Dehar	1	R(P)	990	
4	Pong	1	MP	396	
	Sub-Total BBMB (HP)	4		2783	8157
	NHPC				
5	BairaSiul	1	R(P)	180	779.28
6	Chamera-I	1	S	540	1664.56
7	Chamera-II	1	R(P)	300	1499.89
8	Chamera-III	1	R(P)	231	1108
9	Parbati-III	1	R(P)	520	1977.23
	Sub-Total HP	5		1771	7028.96
	SJVNL				
10	NathpaJhakri	1	R(P)	1500	6612
11	Rampur	1	R	412	1878.08
	Total SJVNL	2		1912	8490.08
	NTPC LTD.				
12	Koldam	1	S	800	3054.79
	Total NTPC LTD.	1		800	3054.79
	Total Central Sector-HP	12		7266	26730.83
	HPSEBL				
13	Bassi	1	R(P)	66	346.77
14	Giri Bata	1	R(P)	60	240
15	Larji'	1	R(P)	126	586.85
16	Sanjay	1	R(P)	120	518
	Total HPSEBL	4		372	1691.62
	HPPCL				
17	Integrated Kashang	1	R (P)	195	245.8
18	Sainj	1	R(P)	100	323.23
19	SawraKuddu	1	R	111	386
	Total HPPCL	3		406	955.03
	PSPCL				
20	Shanan	1	R(P)	110	585
	Sub Total PSPCL-HP	1		110	585
	Total State Sector	8		888	3231.65
	Private Sector				
	MPCL				
21	Malana	1	R(P)	86	370.93
	Total MPCL	1		86	370.93
	GBHPPL				
22	Budhil	1	R(P)	70	291.73
	Total GBHPPL	1		70	291.73
	EPPL				

23	Malana-II	1	R(P)	100	403
	Total EPPL	1		100	403
	IA Energy				
24	Chanju-I	1	R(P)	36	157.82
	Total IA Energy	1		36	157.82
25	Allain Duhangan	1	R(P)	192	678.18
	Total ADHPL	1		192	678.18
	HBPCL				
26	Baspa	1	R(P)	300	1213
27	Karcham Wangtoo	1	R(P)	1045	4131.06
	Total HBPCL	2		1345	5344.06
	HSPPL				
28	Sorang	1	R	100	524
	Total HSPPL	1		100	524
	GMR				
29	Bajoli Holi	1	R	180	769.39
	Total GMR	1		180	769.39
	Total PVT	9		2109	8539
	Total Himachal Pradesh	29		10263	38501.59
	JAMMU & KASHMIR				
	JKSPDC				
30	Baglihar-I	1	R(P)	450	2643
31	Baglihar-II	1	R(P)	450	1302.3
32	Lower Jhelum	1	R(P)	105	533
33	Upper Sindh-II	1	R(P)	105	355
	Total JKSPDC	4		1110	4833.3
	NHPC				
34	Dulhasti	1	R(P)	390	1907
35	Salal-I&II	1	R	690	3082
36	Uri-I	1	R	480	2587.38
37	Uri-II	1	R	240	1124
38	Sewa-II	1	R(P)	120	533.52
39	Keshanganga	1	R(P)	330	1705.62
	Sub-Total NHPC	6		2250	10939.52
	Total Jammu & Kashmir	10		3360	15772.82
	LADAKH				
	NHPC				
40	Chutak	1	R	44	213
41	Nimoo Bazgo	1	R(P)	45	239
	Sub-Total NHPC	2		89	452
	Total Ladakh	2		89	452
	PUNJAB				
	PSPCL				
42	Anandpur Sahib-I	1	R	67	909
43	Anandpur Sahib-I	1	R	67	
44	Mukerian-I	1	R	45	
45	Mukerian-II	1	R	45	
46	Mukerian-III	1	R	58.5	
47	Mukerian-IV	1	R	58.5	1206
48	Ranjit Sagar	1	S	600	1507
	Total PSPCL	7		941	3622
	BBMB				
49	Ganguwal	1	R	77.65	1358
50	Kotla	1	R	77.65	
	Sub-Total BBMB (Punjab)	2		155.3	1358
	Total Punjab	9		1096.3	4980
	Rajasthan			-	-

	RRVUNL				
51	Jawahar Sagar	1	R(P)	99	298
52	Mahi Bajaj-I	1	MP	50	289
53	Mahi Bajaj-II	1	R(P)	90	
54	R P Sagar	1	MP	172	459
	Total RRVUNL	4		411	1046
	Total Rajasthan	4		411	1046
	UTTARAKHAND				
	NHPC				
55	Dhauli Ganga	1	R(P)	280	1134.69
56	Tanakpur	1	R	94.2	452.19
	Sub-Total NHPC	2		374.2	1586.88
	THDC				
57	Tehri St-I	1	MP	1000	2797
58	Koteshwar	1	R(P)	400	1155
	Total THDC	2		1400	3952
	Sub Total Central	4		1774.2	5538.88
	State Sector				
	UJVNL				
59	Chibro (Yamuna)	1	R(P)	240	750
60	Chilla	1	R	144	725
61	Dhakrani	1	R	33.75	169
62	Dhalipur	1	R	51	192
63	Khatima	1	R	41.4	208
64	Khodri	1	R(P)	120	345
65	Kulhal	1	R	30	164
66	Maneri Bhali-I	1	R(P)	90	395
67	Maneri Bhali-II	1	R(P)	304	1566.1
68	Ramganga	1	MP	198	334
69	Vyasi	1	R(P)	120	375.24
	Total UJVNL	11		1372.15	5223.34
	Private Sector				
	AHPC				
70	Shrinagar	1	R(P)	330	1396.84
	JPPVL				
71	Vishnu Prayag	1	R	400	1774.42
	ReNew Power Private Limited				
72	Singoli Bhatwari	1	R	99	473
	Sub Total Private	3		829	3644.26
	Total Uttarakhand	18		3975.35	14406.48
	UPJVNL				
	UTTAR PRADESH				
73	Khara	1	R(P)	72	385
74	Matatila	1	MP	30.6	123
75	Obra	1	MP	99	279
76	Rihand	1	MP	300	920
	Total UPJVNL	4		501.6	1707
	Total Northern Region	76		19696.25	76865.89
	Western Region				
	MADHYA PRADESH				
	NHDC				
77	Indira Sagar	1	MP	1000	1980
78	Omkareshwar	1	MP	520	1166.57
	Sub-Total NHDC	2		1520	3146.57
	Total Central	2		1520	3146.57
	MPPGCL				
79	Bansagar Tons-I	1	R(P)	315	900
80	Bansagar Tons-III	1	R	30	113

81	Bansagar Tons-II	1	MP	60	143
82	Bargi	1	MP	90	508.08
83	Gandhi Sagar	1	MP	115	420.48
84	Madhikhera	1	MP	60	74.12
85	Rajghat	1	MP	45	87.6
	Sub-Total MPPGCL	7		715	2246.28
	Total Madhya Pradesh	9		2235	5392.85
	MAHARASHTRA			-	-
	MAHAGENCO			-	-
86	Bhira Tail Race	1	R(P)	80	75
87	Koyna DPH	1	S	36	146
88	Koyna-I&II	1	S	600	3030
89	Koyna-III	1	R(P)	320	
90	Koyna-IV	1	S	1000	
91	Tillari	1	R(P)	60	
92	Vaitarna	1	S	60	144
	Sub-Total MAHAGENCO	7		2156	3528
	MPPGCL				
93	Pench	1	MP	160	315.36
	Sub-Total MPPGCL	1		160	315.36
	Total State SECTOR	8		2316	3843.36
	Private Sector				
	Dodson-Lindblom Hydro Power Pvt. Ltd. (DLHP)			-	-
94	Bhandardhara St-II	1	R(P)	34	50
	Sub-Total DLHP	1		34	50
	Tata Power Company			-	-
95	Bhira	1	S	150	775
96	Bhivpuri	1	S	75	220
97	Khopoli	1	S	72	225
	Sub-Total TPCL	3		297	1220
	Total Pvt. (Maharashtra)	4		331	1270
	Total Maharashtra	12		2647	5113.36
	CHHATISGARG			-	-
	CSPGCL			-	-
	State Sector			-	-
98	Hasdeobango	1	MP	120	245
	Total CSPGCL	1		120	245
	Total Chhattisgarh	1		120	245
	GUJARAT			-	-
	State Sector			-	-
	GSECL			-	-
99	Ukai	1	MP	300	1080
	Sub-Total GSECL	1		300	1080
	SSNNL			-	-
100	Sardar Sarovar CHPH	1	R(P)	250	213
	Sub-Total SSNNL	1		250	213
	Total Gujarat	2		550	1293
	Total Western Region	24		5552	12044.21
	Southern Region			-	-
	ANDHRA PRADESH			-	-
	APGENCO			-	-
	State Sector			-	-
101	Lower Sileru	1	S	460	1070
102	N J Sagar RBC & EXT.	1	MP	90	156
103	Srisaillam	1	MP	770	2900

104	Upper Sileru-I&II	1	S	240	529
105	N J Sagar TPD	1	R(P)	50	177
	Total APGENCO	5		1610	4832
	Total Andhra Pradesh	5		1610	4832
	TELANGANA				
	TSGENCO				
	State Sector				
106	Priyadarshni Jurala	1	R(P)	234	404
107	Pochampad	1	MP	36	147
108	N J Sagar	1	MP	110	
109	N J Sagar LBC	1	R	60	104
110	Lower Jurala	1	R(P)	240	534.43
111	Pulinchinthala	1	R(P)	120	219.42
	Total TSGENCO	6		800	1408.85
	Total Telangana	6		800	1408.85
	KARNATAKA				
	KPCL				
	State Sector				
112	Almatti	1	MP	290	483
113	Gerusoppa (Sharavathy Tail Race)	1	R(P)	240	622
114	GhatPrabha	1	MP	32	131
115	Mahatma Gandhi (Jog)	1	S	139.2	118
116	Kadra	1	S	150	570
117	Kalinadi (Nagjhari)	1	S	900	3385
118	Kalinadi (Supa)	1	S	100	542
119	Kodasali	1	S	120	512
120	Lingnamakki	1	S	55	254
121	Munirabad	1	MP	28	66
122	Sharavathy	1	S	1035	4932
123	Sivasamundrum	1	R(P)	42	183
124	Varahi	1	R(P)	460	1060
125	Bhadra	1	MP	26	123
	Total KPCL	14		3617.2	12981
	APGENCO				
126	T B Dam	1	MP	36	
127	Hampi	1	MP	36	236
	Sub-Total APGENCO	2		72	236
	Total Karnataka	16		3689.2	13217
	KERALA				
	KSEB				
	State Sector				
128	Idamalayar	1	MP	75	380
129	Idukki	1	MP	780	2398
130	Kakkad	1	R(P)	50	262
131	Kuttiyadi	1	MP	75	
132	KuttiyadiExtn.	1	MP	50	
133	Kuttiyadi Additional Extn.	1	MP	100	323
134	Lower Periyar	1	R(P)	180	493
135	Nariamangalam	1	S	52.65	237
136	Pallivasal	1	S	37.5	284
137	Panniar	1	S	30	158
138	Poringalkuttu	1	S	32	170
139	Sabirigiri	1	S	300	1338
140	Sengulam	1	S	48	182
141	Sholayar	1	S	54	233
	Total KSEB	14		1864.15	6458

	Total Kerala	14		1864.15	6458
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	TAMILNADU				
	TANGEDCO				
142	Aliyar	1	MP	60	175
143	BhavaniKattalai Barrage-I	1	R(P)	30	90
144	BhavaniKattalai Barrage-II	1	R(P)	30	100
145	Bhavani Kattalai Barrage-III	1	R(P)	30	80
146	Kodayar-I	1	MP	60	165
147	Kodayar-I	1	MP	40	
148	Kundah-I	1	S	60	1387
149	Kundah-II	1	S	175	
150	Kundah-III	1	S	180	
151	Kundah-IV	1	S	100	
152	Kundah-V	1	S	40	
153	Lower Mettur-I	1	R(P)	30	252
154	Lower Mettur-II	1	R(P)	30	
155	Lower Mettur-III	1	R(P)	30	
156	Lower Mettur-IV	1	R(P)	30	
157	Mettur Dam	1	MP	50	541
158	Mettur Tunnel	1	MP	200	
159	Moyar	1	S	36	115
160	Papanasam	1	MP	32	105
161	Parson's Valley	1	S	30	53
162	Periyar	1	MP	161	409
163	Pykara	1	S	59.2	274
164	Pykara Ultimate	1	S	150	30
165	Sarakarpathy	1	R(P)	30	162
166	Sholayar-I	1	S	70	254
167	Suruliyar	1	S	35	79
	Total TANGEDCO	26		1778.2	4271
	Total Tamil Nadu	26		1778.2	4271
	Total Southern Region	67		9741.55	30186.85
	Eastern Region				
	WEST BENGAL				
	DVC				
168	Maithon	1	MP	63.2	137
	Sub-Total DVC	1		63.2	137
	NHPC				
169	Teesta Low Dam-III	1	R(P)	132	594
170	Teesta Low Dam-IV	1	R(P)	160	719.67
	Sub Total NHPC	2		292	1313.67
	Sub-Total Central	3		355.2	1450.67
	WBSEDCL				
171	Jaldhaka	1	R(P)	36	165
172	Rammam	1	R	50	210
	Sub-Total WBSEDCL	2		86	375
	Total West Bengal	5		441.2	1825.67
	SIKKIM				
	NHPC				
173	Rangit	1	R(P)	60	338.61
174	Teesta-V	1	R(P)	510	2572.7
	Sub-Total NHPC	2		570	2911.31
	State Sector				
	Teesta Urja Ltd.				
175	Teesta-III	1	R(P)	1200	5214
	Sub-Total TUL	1		1200	5214

	Private				
	GIPL (Gati Infra Pvt. Ltd.)				
176	Chujachen	1	R(P)	110	537.81
	Sneha Kinetic Power Projects Pvt. Ltd.(SKPPPL)				
177	Dikchu	1	R(P)	96	431
	Shiga Energy Pvt. Ltd.(SEPL)				
178	Tashiding	1	R(P)	97	425.05
	DANS Energy Pvt. Ltd. (DEPL)				
179	Jorethang Loop	1	R(P)	96	459.02
	MBPC				
180	Rongnichu	1	R	113	434
	Sub-Total Private	5		512	2286.88
	Total Sikkim	8		2282	10412.19
	JAHARKHAND				
181	Panchet	1	MP	80	237
	Sub-Total DVC	1		80	237
	JUUNL				
182	Subernrekha-I	1	MP	65	149
183	Subernrekha-II	1	R(P)	65	
	Total JUUNL	2		130	149
	Total Jharkhand	3		210	386
	ODISHA				
	OHPC				
184	Balimela	1	MP	510	1183
185	Hirakud (Burla)	1	MP	287.8	684
186	Hirakud (Chiplima)	1	R(P)	72	490
187	Rengali	1	MP	250	525
188	Upper Indravati	1	MP	600	1962
189	Upper Kolab	1	MP	320	832
	Total OHPC	6		2039.8	5676
	APGENCO				
190	Machkund	1	S	114.75	670
	Sub-Total APGENCO	1		114.75	670
	Total Odisha	7		2154.55	6346
	Total Eastern Region	23		5087.75	18969.86
	North Eastern Region				
	ARUNACHAL PRADESH				
	NEEPCO				
191	Ranganadi	1	R(P)	405	1509.66
192	Pare	1	R (P)	110	506.42
193	Kameng	1	R (P)	600	3353
	Sub-Total NEEPCO Ar.P	3		1115	5369.08
	Total Arunachal Pradesh	3		1115	5369.08
	ASSAM				
	NEEPCO				
194	Kopoli	1	S	200	1186.14
195	Khandong	1	S	50	363.95
	Sub-Total NEEPCO Assam	2		250	1550.09

	APGCL				
196	Karbi Langpi	1	R(P)	100	390
	Sub-Total APGCL	1		100	390
	Total Assam	3		350	1940.09
	MIZORAM				
	NEEPCO				
197	Tuirial	1	S	60	250.63
	Total NEEPCO Mizoram	1		60	250.63
	Total Mizoram	1		60	250.63
	NAGALAND				
	NEEPCO				
198	Doyang	1	S	75	227.24
	Total-NEEPCO Nagaland	1		75	227.24
	Total Nagaland	1		75	227.24
	MANIPUR				
	NHPC				
199	Loktak	1	MP	105	448
	Sub-Total NHPC	1		105	448
	Total Manipur	1		105	448
	MEGHALAYA				
	MePGCL				
200	Kyrdemkulai	1	R(P)	60	118
201	Umiam St. I	1	S	36	128
202	New Umtru	1	R(P)	40	235
203	Umiam St. IV	1	R(P)	60	324
204	Myntdu St-I	1	R(P)	126	372.69
	Total MePGCL	5		322	1177.69
	Total Mehghalaya	5		322	1177.69
	Total NE Region	14		2027	9412.73
	Total	204		42104.55	147479.54
	Pumped Storage Schemes				
	Western Region				
	GUJARAT				
	State Sector				
	GSECL				
1	Kadana	1	PSP	240	518
	SSNNL				
2	Sardar Sarovar RBPH	1	PSP	1200	3635
	Total Gujarat	2		1440	4153
	MAHARASHTRA				
	State Sector				
	MAHAGENCO				
3	Ghatgarh	1	PSP	250	410
	Private Sector				
	Tata Power Company				
4	Bhira	1	PSP	150	
	Sub-Total Maharashtra	2		400	410
	Total Western Region	4		1840	4563
	Southern Region				
	TELANGANA				
	State Sector				
	TSGENCO				
5	N J Sagar	1	PSP	705.6	2237
6	Srisaillam LBPH	1	PSP	900	1400
	Sub-Total TELANGANA	2		1605.6	3637
	TAMIL NADU				
7	Kadamparai	1	PSP	400	77
	Sub-Total TAMIL NADU	1		400	77
	Total Southern Region	3		2005.6	3714

	Eastern Region				
	WEST BENGAL				
	State Sector				
	WBSEDCL				
8	Purulia	1	PSP	900	1235
	Sub-Total	1		900	1235
	Total- PSP	8		4745.6	9512
	Total (Conventional+PSP)	211		46850.15	156991.54

[Abbreviations: MP-Multi Purpose; S-Storage; R-Run of River; R(P): Run of River with Pondage]

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS

List of Hydro Electric Projects (above 25 MW) under implementation

Sl. No.	Name of Scheme (Executing Agency)	Sector	District	Installed Capacity (No. X MW.)	Capacity Under Execution (MW)	River/Basin	Date of finish/commissioning
Andhra Pradesh							
1	Polavaram (APGENCO/ Irrigation Dept., A.P.)	State	East & West Godavari	12x80	960.00	Godavari/ EFR	2024-26 (Mar'26)
2	Pinnapuram (Greenko AP01 IREP Private Limited)	Private	Kurnool	4x240 + 2x120	1200.00	Pennar Basin/EFR	2024-25 (Mar'25)
Sub-total: Andhra Pradesh					2160.00		
Arunachal Pradesh							
3	Subansiri Lower (NHPC)	Central	Lower Subansiri	8x250	2000.00	Subansiri/ Brahmaputra	2023-25 (June'24)
4	Dibang Multipurpose Project (NHPC)	Central	Lower Dibang Valley	12x240	2880.00	Dibang / Brahmaputra	2031-32 (Feb'32)
Sub-total: Arunachal Pradesh					4880.00		
Assam							
5	Lower Kopli (APGCL)	State	DimaHasao & Karbi Anglong	2x55+2x2.5 +1x5	120.00	Kopili/ Brahmaputra	2024-25 (Mar'25)
Sub-total: Assam					120.00		
Himachal Pradesh							
6	Parbati St. II (NHPC)	Central	Kullu	4x200	800.00	Parbati/ Beas/Indus	2023-24 (Mar'24)
7	Luhri-I (SJVN)	Central	Kullu/ Shimla	2x80+2x25	210.00	Satluj/Indus	2025-26 (Jan'26)
8	Dhaulasidh (SJVN)	Central	Hamirpur/ Kangra	2x33	66.00	Beas/Indus	2025-26 (Nov'25)
9	Sunni Dam (SJVN)	Central	Shimla/ Mandi	4x73+1x73+ 1x17	382.00	Satluj	2027-28 (March'28)
10	Uhl-III (BVPCL)	State	Mandi	3x33.33	100.00	Uhl/Beas/ Indus	2024-25 (Dec'24)
11	ShongtongKarcham (HPPCL)	State	Kinnaur	3x150	450.00	Satluj/ Indus	2026-27 (Nov'26)
12	Chanju-III (HPPCL)	State	Chamba	3x16	48.00	ChanjuNallah	2027-28 (June'27)
13	Tidong-I (Statkraft IPL)	Private	Kinnaur	3x50	150.00	Tidong/Satluj / Indus	2023-24 (Dec'23)
14	Kutehr (JSW Energy Ltd)	Private	Chamba	3x80	240.00	Ravi/ Indus	2025-26 (Nov'25)
15*	TangnuRomai (TRPG)	Private	Shimla	2x22	44.00	Pabbar/Tons/ Yamuna/ Ganga	Financial constraints
Sub-total: Himachal Pradesh					2490.00		
Jammu & Kashmir							
16	PakalDul (CVPPL)	Central	Kishtwar	4x250	1000.00	Marusadar/ Chenab / Indus	2025-26 (July'25)

17	Kiru (CVPPL)	Central	Kishtwar	4x156	624.00	Chenab/ Indus	2025-26 (July'25)
18	Ratle (RHEPPL / NHPC)	Central	Kishtwar	4x205 + 1x30	850.00	Chenab/ Indus	2026-27 (May'26)
19	Kwar (CVPPL)	Central	Kishtwar	4x135	540	Chenab/ Indus	2026-27 (Nov'26)
20	Parnai (JKSPDC)	State	Poonch	3x12.5	37.50	Jhelum/ Indus	2024-25 (Jun'24)
21*	Lower Kalnai (JKSPDC)	State	Kishtwar	2x24	48.00	Chenab/ Indus	Contractual issues
Sub-total: Jammu & Kashmir					3099.50		
Kerala							
22	Pallivasal (KSEB)	State	Idukki	2x30	60.00	Mudirapuzha/ Periyar/ BayporePeriyar/ WFR	2023-24 (Jun'23)
23	Thottiyar (KSEB)	State	Idukki	1x30+1x10	40.00	Thottiyar/ Periyar/ Baypore Periyar/ WFR	2023-24 (Jun'23)
24	Mankulam (KSEB)	State	Idukki	2x20	40.00	Melachery	2026-27 (May'26)
Sub-total: Kerala					140.00		
Madhya Pradesh							
25*	Maheshwar (SMHPCL)	Private	Khargone & Khandwa	10x40	400.00	Narmada/ CIRS	Financial constraints / NCLT proceedings
Sub-total: Madhya Pradesh					400.00		
Maharashtra							
26*	Koyna Left Bank (WRD,MAH)	State	Satara	2x40	80.00	Koyna/ Krishna/EFR	Financial constraints
Sub-total: Maharashtra					80.00		
Punjab							
27	Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)	State	Pathankot	3x33+3x33 +1x8	206.00	Ravi/ Indus	2024-25 (Aug'24)
Sub-total: Punjab					206.00		
Sikkim							
28	Teesta St. VI NHPC	Central	South Sikkim	4x125	500.00	Teesta/ Brahmaputra	2025-26 (July'25)
29	Rangit-IV (NHPC)	Central	West Sikkim	3x40	120.00	Rangit/ Teesta/ Brahmaputra	2024-25 (Aug'24)
30*	Bhasmey (Gati Infrastructure)	Private	East Sikkim	2x25.5	51.00	Rangpo/ Teesta/ Brahmaputra	Financial constraints
31*	Rangit-II (Sikkim Hydro)	Private	West Sikkim	2x33	66.00	Greater Rangit/ Teesta/ Brahmaputra	Financial constraints / NCLT proceedings
32*	Panan (Himagiri)	Private	North Sikkim	4x75	300.00	Rangyongchu/ Teesta/ Brahmaputra	Accessibility issues
Sub-total: Sikkim					1037.00		
Tamil Nadu							
33	Kundah Pumped Storage Phase-I, II & III)	State	Nilgiris	4x125	500.00	Kundah/Bhavan i/ Cauvery/EFR	2024-25 (Dec'24)
Sub-total: Tamil Nadu					500.00		
Uttarakhand							
34	VishnugadPipalkoti (THDC)	Central	Chamoli	4x111	444.00	Alaknanda/Ga nga	2024-25 (Mar'25)
35	Naitwar Mori (SJVNL)	Central	Uttarkashi	2x30	60.00	Tons/Yamuna/G anga	2023-24 (May'23)

36	TapovanVishnugad (NTPC)	Central	Chamoli	4x130	520.00	Dhauliganga / Alaknanada & /Ganga	2024-25 (Dec'24)
37	Tehri PSS (THDC)	Central	Tehri Garhwal	4x250	1000.00	Bhilangna/Bhagirathi/Ganga	2023-24 (Dec'23)
38	Lakhwar Multipurpose Project (UJVNL)	State	Dehradun & TehriGarhwal	3x100	300.00	Yamuna	2028-29 (Nov'28)
39*	Lata Tapovan (NTPC)	Central	Chamoli	3x57	171.00	Dhauliganga / Alaknanada & Ganga	Pending court case in Hon'ble SC
40*	Phata Byung (LANCO)	Private	Rudraprayag	2x38	76.00	Mandakini/ Alaknanda Ganga	Financial constraints / NCLT proceedings
Sub-total: Uttarakhand					2571.00		
West Bengal							
41	Rammam-III (NTPC)	Central	Darjeeling	3x40	120.00	Rammam/ Rangit/Teesta Brahmaputra	2026-27 (Sept'26)
Sub-total: West Bengal					120.00		
TOTAL:					17803.50		
*Project is presently stalled, commissioning subject to re-start of works							

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS

State wise list of potential sites, installed projects and on-going projects in SHP sector (below 25 MW Capacity)							
Sl. No.	State	Total Potential		Projects under Operation		Projects under Implementation	
		Nos.	Capacity (MW)	Nos.	Capacity (MW)	Nos.	Capacity (MW)
1	Andhra Pradesh	359.00	409.32	44.00	162.11	2.00	2.40
2	Arunachal Pradesh	800.00	2064.92	157.00	133.11	5.00	4.65
3	Assam	106.00	201.99	6.00	34.11	0.00	0.00
4	Bihar	139.00	526.98	29.00	70.70	0.00	0.00
5	Chhattisgarh	199.00	1098.20	10.00	76.00	0.00	0.00
6	Goa	7.00	4.70	1.00	0.05	0.00	0.00
7	Gujarat	292.00	201.97	21.00	89.39	3.00	23.91
8	Haryana	33.00	107.40	9.00	73.50	0.00	0.00
9	Himachal Pradesh	1049.00	3460.34	202.00	969.71	44.00	244.84
10	UT of Jammu & Kashmir	103.00	1311.79	20.00	146.68	7.00	44.15
11	UT of Laddakh	199.00	395.65	30.00	40.79	6.00	8.10
12	Jharkhand	121.00	227.96	6.00	4.05	0.00	0.00
13	Karnataka	618.00	3726.49	170.00	1280.73	6.00	16.45
14	Kerala	238.00	647.15	39.00	266.52	3.00	37.50
15	Madhya Pradesh	299.00	820.44	14.00	123.71	2.00	7.60
16	Maharashtra	270.00	786.46	72.00	381.08	8.00	9.30
17	Manipur	110.00	99.95	8.00	5.45	0.00	0.00
18	Meghalaya	97.00	230.05	5.00	32.53	2.00	25.50
19	Mizoram	72.00	168.90	19.00	41.47	1.00	3.50
20	Nagaland	98.00	182.18	13.00	31.67	2.00	3.40
21	Odisha	220.00	286.22	13.00	115.63	3.00	56.50
22	Punjab	375.00	578.28	59.00	176.10	3.00	1.75
23	Rajasthan	64.00	51.67	10.00	23.85	0.00	0.00
24	Sikkim	88.00	266.64	18.00	55.11	0.00	0.00
25	Tamil Nadu	191.00	604.46	21.00	123.05	0.00	0.00
26	Telangana	94.00	102.25	30.00	90.87	0.00	0.00
27	Tripura	13.00	46.86	3.00	16.01	0.00	0.00
28	A&N Islands	7.00	7.27	1.00	5.25	0.00	0.00
29	Uttar Pradesh	251.00	460.75	10.00	49.10	1.00	1.50
30	Uttarakhand	442.00	1664.31	103.00	218.82	4.00	65.00
31	West Bengal	179.00	392.06	24.00	98.50	0.00	0.00
Total		7133.00	21133.61	1167.00	4935.65	102.00	556.05

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS

State wise list of potential sites, installed projects and on-going projects in SHP sector (below 25 MW Capacity)							
Sl. No.	State	Total Potential		Projects under Operation		Projects under Implementation	
		Nos.	Capacity (MW)	Nos.	Capacity (MW)	Nos.	Capacity (MW)
1	Andhra Pradesh	359	409.32	44	162.11	2	2.4
2	Arunachal Pradesh	800	2064.92	157	133.11	5	4.65
3	Assam	106	201.99	6	34.11	0	0
4	Bihar	139	526.98	29	70.70	0	0
5	Chhattisgarh	199	1098.20	10	76.00	0	0
6	Goa	7	4.70	1	0.05	0	0
7	Gujarat	292	201.97	21	89.39	3	23.91
8	Haryana	33	107.40	9	73.50	0	0
9	Himachal Pradesh	1049	3460.34	202	969.71	44	244.84
10	UT of Jammu & Kashmir	103	1311.79	20	146.68	7	44.15
11	UT of Laddakh	199	395.65	30	40.79	6	8.1
12	Jharkhand	121	227.96	6	4.05	0	0
13	Karnataka	618	3726.49	170	1280.73	6	16.45
14	Kerala	238	647.15	39	266.52	3	37.5
15	Madhya Pradesh	299	820.44	14	123.71	2	7.6
16	Maharashtra	270	786.46	72	381.08	8	9.3
17	Manipur	110	99.95	8	5.45	0	0
18	Meghalaya	97	230.05	5	32.53	2	25.5
19	Mizoram	72	168.90	19	41.47	1	3.5
20	Nagaland	98	182.18	13	31.67	2	3.4
21	Odisha	220	286.22	13	115.63	3	56.5
22	Punjab	375	578.28	59	176.10	3	1.75
23	Rajasthan	64	51.67	10	23.85	0	0
24	Sikkim	88	266.64	18	55.11	0	0
25	Tamil Nadu	191	604.46	21	123.05	0	0
26	Telangana	94	102.25	30	90.87	0	0
27	Tripura	13	46.86	3	16.01	0	0
28	A&N Islands	7	7.27	1	5.25	0	0
29	Uttar Pradesh	251	460.75	10	49.10	1	1.5
30	Uttarakhand	442	1664.31	103	218.82	4	65
31	West Bengal	179	392.06	24	98.50	0	0
Total		7133	21133.61	1167	4935.65	102	556.05

ANNEXURE REFERRED TO IN PARTS (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 234 ANSWERED IN THE LOK SABHA ON 16.03.2023 REGARDING ONGOING HYDRO-POWER PROJECTS

List of Hydro Electric Projects (above 25 MW) held-up due to financial constraints with developers

Sl. No.	Name of Scheme (Executing Agency)	Sector	District	Installed Capacity (No. X MW.)	Cap. Under Execution (MW)	River/ Basin	Present Status/Reasons (if held-up)
Himachal Pradesh							
1	Tangnu Romai (TRPG)	Private	Shimla	2x22	44.00	Pabbar/ Tons/ Yamuna/ Ganga	Works are on hold since Aug 2016 due to fund constraints with developer.
Sub-total: Himachal Pradesh					44.00		
Madhya Pradesh							
2	Maheshwar (SMHPCL)	Private	Khargone & Khandwa	10x40	400.00	Narmada/ CIRS	Works suspended since Nov-11 due to cash flow problem with developer. M.P. Power Management Company Ltd. has terminated the Power Purchase Agreement with SMHPCL on 18.04.2020. The application of PFC has been admitted in NCLT on 27.09.2022 under IBC.
Sub-total: Madhya Pradesh					400.00		
Maharashtra							
3	Koyna Left Bank (WRD,MAH)	State	Satara	2x40	80.00	Koyna/ Krishna/ EFR	Project stalled since July, 2015. The current expenditure on the project has already reached to almost original administrative approved cost level. The proposal for execution with various options (By WRD/ Through BOT/ By MSPGCL in collaboration with WRD) is under process.
Sub-total: Maharashtra					80.00		

Sikkim							
4	Bhasmey (Gati Infrastructure)	Private	East Sikkim	2x25.5	51.00	Rangpo/ Teesta/ Brahmaputra	Works are stalled since Sept., 2016 due to funds constraints with developer
5	Rangit-II (Sikkim Hydro)	Private	West Sikkim	2x33	66.00	Greater Rangit/ Teesta/ Brahmaputra	Works are stalled since December, 2017 due to funds constraints with developer. Project is in NCLT since 30.07.2020.
	Sub-total: Sikkim				117.00		
Uttarakhand							
6	PhataByung (LANCO)	Private	Rudraprayag	2x38	76.00	Mandakini/ Alaknanda Ganga	Works stalled since July, 2017 due to Financial crunch with the contractor / developer. The company is undergoing a corporate insolvency resolution process initiated under IBC for resolution and revival of the project since June 2020. Under this process, the resolution professional appointed by the NCLT has initiated the process for inviting prospective investors for the project. On 25.02.2022, the CoC approved the Statkraft IH Holding AS Resolution Plan by a majority of 100%. The Resolution Professional has filed for approval of the resolution Plan Application before the Hon'ble NCLT.
	Sub-total: Uttarakhand				76.00		
				Total:	717.00		
