

List of under construction Hydro projects (above 25 MW) – Sector wise

(As on 30.09.2018)

Sl. No.	Name of Project / Installed Capacity	Unit No.	State/District Implementing Agency	River/Basin	Capacity (MW)	Likely Commissioning
Central Sector						
1	Pakal Dul 4x250= 1000 MW	U-1 to U-4	Jammu & Kashmir /Kishtwar/ CVPPL (Joint Venture of NHPC, JKSPDC & PTC)	Marusadar/ Chenab / Indus	1000	2023-24
2	Parbati St. II 4x200= 800 MW	U-1 to U-4	Himachal Pradesh/Kullu/ NHPC	Parbati/Beas/Indus	800	2021-22 (Dec'21)
3	Tapovan Vishnugad 4x130=520 MW	U-1 to U-4	Uttarakhand /Chamoli/ NTPC	Dhauliganga / Alaknanada & /Ganga	520	2020-21 (Dec'20)
4	Tehri PSS 4x250= 1000 MW	U-1 to U-4	Uttarakhand/Tehri Garhwal/ THDC	Bhilangna/Bhagirathi/ Ganga	1000	2021-22 (May'21)
5	Lata Tapovan 3x57= 171 MW	U-1 to U-3	Uttarakhand/Chamoli/ NTPC	Dhauliganga /Alaknanada & Ganga	171	2022-23 *
6	Vishnugad Pipalkoti 4x111= 444 MW	U-1 to U-4	Uttarakhand/Chamoli/ THDC	Alaknanada/ Ganga	444	2021-22 (Dec'21)
7	Subansiri Lower 8x250= 2000 MW	U-1 to U-8	Arunachal Pradesh/L. Subansiri, Dhemaji/ NHPC	Subansiri/ Brahmaputra	2000	2022-23 *
8	Kameng 4x150= 600 MW	U-1 to U-4	Arunachal Pradesh/West Kameng/ NEEPCO	Bichom & Tenga / Kameng/Brahmaputra	600	2018-19
9	Rammam III 3x40=120 MW	U-1 to U-3	West Bengal/Darjeeling/ NTPC Ltd.	Rammam/ Rangit/Teesta Brahmaputra	120	2021-22 (Feb'22)
10	Naitwar Mori 2x30=60 MW	U-1 to U-2	Uttarakhand/Uttarkashi/ SJVNL	Tons/Yamuna/Ganga	60	2021-22 (Dec'21)
			Sub- total (Central):		6715	
State Sector						
11	Parnai 3x12.5= 37.5 MW	U-1 to U-3	J&K/Poonch/ JKSPDC	Jhelum/ Indus	37.5	2021-22 (Mar'22)
12	Lower Kalnai 2x24= 48 MW	U-1 to U-2	J&K/Kishtwar/ JKSPDC	Chenab/ Indus	48	2022-23 *
13	Shahpurkandi 3x33+3x33+1x8= 206 MW	U-1 to U-7	Punjab/Gurdaspur/ Irr. Deptt. & PSPCL	Ravi/ Indus	206	2022-23 *
14	Uhl-III 3x33.33= 100 MW	U-1 to U-3	Himachal Pradesh/Mandi/ Beas Valley Power Corp. Ltd. (BVPC)	Uhl/Beas/ Indus	100	2018-19 (Dec'18)
15	Sawra Kuddu 3x37= 111 MW	U-1 to U-3	Himachal Pradesh/Shimla/ HPPCL	Pabbar/Tons/ Yamuna/Ganga	111	2019-20 (May'19)
16	Shongtong Karcham 3x150= 450 MW	U-1 to U-3	Himachal Pradesh/Kinnaur/ HPPCL	Satluj/ Indus	450	2021-22 (Jan'22)
17	Vyasi 2X60=120 MW	U- 1 & U- 2	Uttarakhand/Dehradun/ UJVNL	Yamuna/ Ganga	120	2019-20 (Mar'20)
18	Koyna Left Bank PSS 2x40= 80 MW	U-1 to U-2	Maharashtra/Satara/ WRD, Gov. of Mah.	Koyna/ Krishna/ EFR	80	2022-23 *
19	Polavaram 12x80= 960 MW	U-1 to U-12	Andhra Pradesh/East & West Godavari/ APGENCO/ Irr. Deptt., A.P.	Godavari/ EFR	960	2021-23 (Mar'23)
20	Pallivasal 2x30= 60 MW	U-1 to U-2	Kerala/Idukki/ KSEB	Mudirapuzha/ Periyar/Baypore Periyar/ WFR	60	2020-21 (Dec'20)
21	Thottiyar 1x30 + 1x10= 40 MW	U-1 to U-2	Kerala/Idukki/ KSEB	Thottiyar/ Periyar/ / Baypore Periyar/ WFR	40	2020-21
22	Kundah Pumped Storage Phase-I 1x125= 125 MW	U-1	Tamil Nadu/Nilgiris/ TANGEDCO	Godavari/ EFR	125	2022-23

Sl. No.	Name of Project / Installed Capacity	Unit No.	State/District Implementing Agency	River/Basin	Capacity (MW)	Likely Commissioning
			Sub- total (State):		2337.5	
	Private Sector					
23	Ratle # 4x205+1x30= 850 MW	U-1 to U-5	Jammu & Kashmir/Kishtwar/ Ratle Hydro Electric Project Pvt. Ltd.	Chenab/ Indus	850	2023-24 *
24	Sorang 2x50= 100 MW	U-1 & U-2	Himachal Pradesh/Kinnaur/ Himachal Sorang Power	Sorang/Satlu/Indus	100	2019-20 *
25	Tangu Romai- I 2x22= 44 MW	U-1 to U-2	Himachal Pradesh/Shimla/ Tangu Romai Power Generation	Pabbar/Tons/Yamuna /Ganga	44	2021-22 *
26	Bajoli Holi 3x60= 180 MW	U-1 to U-3	Himachal Pradesh/Chamba/ GMR Bajoli Holi Hydro Power Pvt. Ltd.	Ravi/ Indus	180	2019-20 (Aug'19)
27	Tidong-I 2x50= 100 MW	U-1 to U-2	Himachal Pradesh/Kinnaur/ M/s NSL Tidong	Tidong/Satlu/Indus	100	2019-20 *
28	Phata Byung 2x38= 76 MW	U-1 to U-2	Uttarakhand/Rudraprayag M/s Lanco	Mandakini/Alaknanda Ganga	76	2021-22*
29	Singoli Bhatwari 3x33= 99 MW	U-1 to U-3	Uttarakhand/ Rudraprayag/ L&T Uttaranchal Hydro power Limited	Mandakini/Alaknanda Ganga	99	2019-20 (Jun'19)
30	Maheshwar ## 10x40= 400 MW	U-1 to U-10	Madhya Pradesh/Khargone & Khandwa/ SMHPCL	Narmada/ CIRS	400	2019-20 *
31	Teesta- VI 4x125= 500 MW	U-1 to U-4	Sikkim/South Sikkim/ LANCO	Teesta/ Brahmaputra	500	2021-22 *
32	Rangit-IV 3x40= 120 MW	U-1 to U-3	Sikkim/West Sikkim/ Jal Power corp. Ltd.	Rangit/ Teesta/ Brahmaputra	120	2021-22 *
33	Bhasmey 2x25.5= 51 MW	U-1 to U-2	Sikkim/East Sikkim/ Gati Infrastructure	Rangpo/ Teesta/ Brahmaputra	51	2021-22 *
34	Rangit-II 2x33= 66 MW	U-1 to U-2	Sikkim/West Sikkim/ Sikkim Hydro Power Ltd.	Greater Rangit/ Teesta/ Brahmaputra	66	2019-20 (Mar'20)
35	Rongnichu 2x48= 96 MW	U-1 to U-2	Sikkim/East Sikkim/ Madhya Bharat Power Corporation Ltd.	Rongnichu/ Teesta/ Brahmaputra	96	2019-20 (Mar'20)
36	Panan 4x75= 300 MW	U-1 to U-4	Sikkim/North Sikkim/ Himgiri Hydro Energy Pvt. Ltd.	Rangyongchu/ Teesta/ Brahmaputra	300	2022-23 *
37	Gongri ### 2x72= 144 MW	U-1 to U-2	Arunachal Pradesh/West Kameng/ Diran Energy Pvt. Ltd.	Gongri / Bichom/Kameng Brahmaputra	144	2021-22 *
			Sub- total (Private):		3126	
	Total (C.S. +S.S.+P.S.)				12178.5	

* Subject to re-start of works

CIRS:-Central India River System ; EFR:-Eastern Flowing Rivers ; WFR:-Western Flowing Rivers.

Govt. of J&K, PDD have terminated PPA on 09.02.2017 and directed JKSPDC to take over the project.

PFC as lead lender have acquired majority equity i.e. 51% in the SMHPCL w.e.f. 1st June, 2016. Matter Sub-judice.

State Govt. terminated the agreement with developer for execution of project.

(As on 30.09.2018)

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Sl. No.	Name of Scheme (Executing Agency)	Sector	District	I.C. (No. x MW)	Cap. Under Execution(MW)	River/Basin	Likely Commissioning
21	Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)	State	Gurdaspur	3x33+3x33+1x8	206.00	Ravi/ Indus	2022-23 *
Sub-total: Punjab					206.00		
Sikkim							
22	Bhasmey (Gati Infrastructure)	Private	East Sikkim	3x17	51.00	Rangpo/ Teesta/ Brahmaputra	2021-22 *
23	Rangit-IV (JAL Power)	Private	West Sikkim	3x40	120.00	Rangit/ Teesta/ Brahmaputra	2021-22 *
24	Rangit-II (Sikkim Hydro)	Private	West Sikkim	2x33	66.00	Greater Rangit/ Teesta/ Brahmaputra	2019-20 (Mar'20)
25	Rongnichu (Madhya Bharat)	Private	East Sikkim	2x48	96.00	Rongnichu/ Teesta/ Brahmaputra	2019-20 (Mar'20)
26	Teesta St. VI (LANCO)	Private	South Sikkim	4x125	500.00	Teesta/Brahmaputra	2021-22 *
27	Panan (Himagiri)	Private	North Sikkim	4x75	300.00	Rangyongchu/ Teesta/ Brahmaputra	2022-23 *
Sub-total: Sikkim					1133.00		
Tamil Nadu							
28	Kundah Pumped ~	State	Nilgiris	1x125	125.00	Godavari/EFR	2022-23
Sub-total: Tamil Nadu					125.00		
Uttarakhand							
29	Lata Tapovan (NTPC)	Central	Chamoli	3x57	171.00	Dhauliganga /Alaknanada & Ganga	2022-23 *
30	Tapovan Vishnugad (NTPC)	Central	Chamoli	4x130	520.00	Dhauliganga / Alaknanada & /Ganga	2020-21 (Dec'20)
31	Tehri PSS (THDC)	Central	Tehri Garhwal	4x250	1000.00	Bhilangna/Bhagirathi/ Ganga	2021-22 (May'21)
32	Vishnugad Pipalkoti	Central	Chamoli	4x111	444.00	Alaknanada/Ganga	2021-22 (Dec'21)
33	Naitwar Mori (SJVNL)	Central	Uttarkashi	2x30	60.00	Tons/Yamuna/Ganga	2021-22 (Dec-21)
34	Vyasi (UJVNL)	State	Dehradun	2x60	120.00	Yamuna/Ganga	2019-20 (Mar'20)
35	Phata Byung (LANCO)	Private	Rudraprayag	2x38	76.00	Mandakini/Alaknanda Ganga	2021-22 *
36	Singoli Bhatwari (L&T)	Private	Rudraprayag	3x33	99.00	Mandakini/Alaknanda Ganga	2019-20 (Jun'19)
Sub-total: Uttarakhand					2490.00		
West Bengal							
37	Rammam-III (NTPC)	Central	Darjeeling	3x40	120.00	Rammam/ Rangit/Teesta Brahmaputra	2021-22 (Feb'22)
Sub-total: West Bengal					120.00		
Total:					12178.50		

* Subject to restart of works

River Basin wise Summary

River Basins in the Count	Capacity (MW)
CIRS	400.00
Indus	3871.50
Brahmaputra	3997.00
Ganga	2645.00
EFR	1165.00
WFR	100.00
Grand Total	12178.50