

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

(As on 31.08.2020)

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	2025-26 (Dec'25)
2	Kiru 4x156=624 MW	U-1 to U-4	Jammu & Kashmir /Kishtwar/ CVPPL (Joint Venture of NHPC, JKSPDC & PTC)	Chenab / Indus	624	2024-25 (Sept.'24)
3	Parbati St. II 4x200= 800 MW	U-1 to U-4	Himachal Pradesh/Kullu/NHPC	Parbati/Beas/Indus	800	2022-23 (June'22)
4	Subansiri Lower 8x250= 2000 MW	U-1 to U-8	Arunachal Pradesh/L. Subansiri, Dhemaji/ NHPC	Subansiri/ Brahmaputra	2000	2024-25
5	Teesta- VI 4x125= 500 MW	U-1 to U-4	Sikkim/South Sikkim/ LANCO / NHPC	Teesta/Brahmaputra	500	2024-25
6	Tapovan Vishnugad 4x130=520 MW	U-1 to U-4	Uttarakhand /Chamoli/NTPC	Dhauliganga / Alaknanada /Ganga	520	2022-23 (June'22)
7	Rammam III 3x40=120 MW	U-1 to U-3	West Bengal/Darjeeling/NTPC Ltd.	Rammam/ Rangit/Teesta/ Brahmaputra	120	2023-24 (June'23)
8	Lata Tapovan 3x57= 171 MW	U-1 to U-3	Uttarakhand/Chamoli/NTPC	Dhauliganga /Alaknanada / Ganga	171	2025-26 *
9	Tehri PSS 4x250= 1000 MW	U-1 to U-4	Uttarakhand/Tehri Garhwal/THDC	Bhilangna/Bhagirathi/ Ganga	1000	2022-23 (Dec'22)
10	Vishnugad Pipalkoti 4x111= 444 MW	U-1 to U-4	Uttarakhand/Chamoli/THDC	Alaknanada/ Ganga	444	2023-24 (June'23)
11	Kameng 4x150= 600 MW (2 units taken in operation)	U-3 to U-4	Arunachal Pradesh/West Kameng/NEEPCO	Bichom & Tenga / Kameng/Brahmaputra	300	2020-21 (Dec'20)
12	Naitwar Mori 2x30=60 MW	U-1 to U-2	Uttarakhand/Uttarkashi/SJVNL	Tons/Yamuna/Ganga	60	2022-23 (Dec'22)
13	Ratle # 4x205+1x30= 850 MW	U-1 to U-5	Jammu & Kashmir/Kishtwar/Ratle Hydro Electric Project Pvt. Ltd. / NHPC	Chenab/Indus	850	2025-26 *
Sub- total (Central):					8389	
State Sector						
14	Parnai 3x12.5= 37.5 MW	U-1 to U-3	J&K/Poonch/JKSPDC	Jhelum/Indus	37.5	2022-23 (Mar'23)
15	Lower Kalnai 2x24= 48 MW	U-1 to U-2	J&K/Kishtwar/JKSPDC	Chenab/Indus	48	2025-26 *
16	Shahpurkandi 3x33+3x33+1x8= 206 MW	U-1 to U-7	Punjab/Gurdaspur/ Irr. Deptt. & PSPCL	Ravi/Indus	206	2022-23 (Mar'23)
17	Uhl-III 3x33.33= 100 MW	U-1 to U-3	Himachal Pradesh/Mandi/Beas Valley Power Corp. Ltd. (BVPCL)	Uhl/Beas/Indus	100	2021-22 (June'21)
18	Sawra Kuddu 3x37= 111 MW	U-1 to U-3	Himachal Pradesh/Shimla/HPPCL	Pabbar/Tons/Yamuna/ Ganga	111	2020-21 (Dec'20)
19	Shongtong Karcham 3x150= 450 MW	U-1 to U-3	Himachal Pradesh/Kinnaur/HPPCL	Satluj/Indus	450	2024-25 (Mar'25)
20	Vyasi 2X60=120 MW	U- 1 & U- 2	Uttarakhand/Dehradun/UJVNL	Yamuna/Ganga	120	2021-22 (Sep'21)
21	Koyna Left Bank PSS 2x40= 80 MW	U-1 to U-2	Maharashtra/Satara/WRD, Gov. of Mah.	Koyna/ Krishna/EFR	80	2025-26 *
22	Polavaram 12x80= 960 MW	U-1 to U-12	Andhra Pradesh/East & West Godavari/ APGENCO/ Irr. Deptt., A.P.	Godavari/EFR	960	2023-25 *

23	Pallivasal 2x30= 60 MW	U-1 to U-2	Kerala/Idukki/KSEB	Mudirapuzha/ Periyar/Baypore Periyar/ WFR	60	2022-23 (Dec'22)
24	Thottiyar 1x30 + 1x10= 40 MW	U-1 to U-2	Kerala/Idukki/KSEB	Thottiyar/ Periyar// Baypore Periyar/ WFR	40	2021-22 (Mar'22)
25	Kundah Pumped Storage (Phase-I, Phase-II & Phase-III) 4x125= 500 MW	U-1 to U-4	Tamil Nadu/Nilgiris/TANGEDCO	Kundah/Bhavani/ Cauvery/EFR	500	2023-24
Sub- total (State):					2712.5	
Private Sector						
26	Sorang 2x50= 100 MW	U-1 & U-2	Himachal Pradesh/Kinnaur/Himachal Sorang Power	Sorang/Satluj/Indus	100	2021-22 (Dec'21)
27	Tangnu Romai- I 2x22= 44 MW	U-1 to U-2	Himachal Pradesh/Shimla/Tangnu Romai Power Generation	Pabbar/Tons/Yamuna /Ganga	44	2024-25 *
28	Bajoli Holi 3x60= 180 MW	U-1 to U-3	Himachal Pradesh/Chamba/GMR Bajoli Holi Hydro Power Pvt. Ltd.	Ravi/Indus	180	2021-22 (Dec'21)
29	Tidong-I 2x50= 100 MW	U-1 to U-2	Himachal Pradesh/Kinnaur/M/s Statkraft India Pvt. Ltd.	Tidong/Satluj/Indus	100	2022-23 (June'22)
30	Phata Byung 2x38= 76 MW	U-1 to U-2	Uttarakhand/Rudraprayag M/s Lanco	Mandakini/Alaknanda / Ganga	76	2023-24*
31	Singoli Bhatwari 3x33= 99 MW	U-1 to U-3	Uttarakhand/ Rudraprayag/L&T Uttaranchal Hydro power Limited	Mandakini/Alaknanda / Ganga	99	2020-21 (Dec'20)
32	Maheshwar ## 10x40= 400 MW	U-1 to U-10	Madhya Pradesh/Khargone & Khandwa/SMHPCL	Narmada/CIRS	400	2023-24 *
33	Rangit-IV 3x40= 120 MW	U-1 to U-3	Sikkim/West Sikkim/Jal Power Corp. Ltd.	Rangit/ Teesta/Brahmaputra	120	2025-26 *
34	Bhasmey 2x25.5= 51 MW	U-1 to U-2	Sikkim/East Sikkim/Gati Infrastructure	Rangpo/ Teesta/Brahmaputra	51	2024-25 *
35	Rangit-II 2x33= 66 MW	U-1 to U-2	Sikkim/West Sikkim/Sikkim Hydro Power Ltd.	Greater Rangit/ Teesta/Brahmaputra	66	2024-25 *
36	Rongnichu 2x48= 96 MW	U-1 to U-2	Sikkim/East Sikkim/Madhya Bharat Power Corporation Ltd.	Rongnichu/ Teesta/Brahmaputra	96	2020-21 (Mar'21)
37	Panan 4x75= 300 MW	U-1 to U-4	Sikkim/North Sikkim/Himgiri Hydro Energy Pvt. Ltd.	Rangyongchu/ Teesta/Brahmaputra	300	2025-26 *
38	Kutehr 3x80= 240 MW	U-1 to U-3	Himachal Pradesh/Chamba/JSW Energy (Kutehr) Ltd.	Ravi/Indus	240	2025-26 (Nov'25)
Sub- total (Private):					1872	
Total (C.S. +S.S.+P.S.)					12973.5	

* 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. MoU between NHPC (51% share) & JKSPDC (49% share) signed for implementation of project in JV mode on 03.02.2019.

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