

Annexure-III

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

(As on 29.02.2020)

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	2024-25 (Dec'24)
2	Kiru 4x156=624 MW	U-1 to U-4	Jammu & Kashmir /Kishtwar/ CVPPL (Joint Venture of NHPC, JKSPDC & PTC)	Chenab / Indus	624	2023-24 (Sept.'24)
3	Parbati St. II 4x200= 800 MW	U-1 to U-4	Himachal Pradesh/Kullu/ NHPC	Parbati/Beas/Indus	800	2021-22 (Dec'21)
4	Subansiri Lower 8x250= 2000 MW	U-1 to U-8	Arunachal Pradesh/L. Subansiri, Dhemaji/ NHPC	Subansiri/ Brahmaputra	2000	2023-24
5	Teesta- VI 4x125= 500 MW	U-1 to U-4	Sikkim/South Sikkim/ LANCO / NHPC	Teesta/ Brahmaputra	500	2023-24
6	Tapovan Vishnugad 4x130=520 MW	U-1 to U-4	Uttarakhand /Chamoli/ NTPC	Dhauliganga / Alaknanada & /Ganga	520	2021-22 (Dec'21)
7	Rammam III 3x40=120 MW	U-1 to U-3	West Bengal/Darjeeling/ NTPC Ltd.	Rammam/ Rangit/Teesta Brahmaputra	120	2022-23 (Nov'22)
8	Lata Tapovan 3x57= 171 MW	U-1 to U-3	Uttarakhand/Chamoli/ NTPC	Dhauliganga /Alaknanada & Ganga	171	2023-24 *
9	Tehri PSS 4x250= 1000 MW	U-1 to U-4	Uttarakhand/Tehri Garhwal/ THDC	Bhilangna/Bhagirathi/ Ganga	1000	2021-23 (Jun'22)
10	Vishnugad Pipalkoti 4x111= 444 MW	U-1 to U-4	Uttarakhand/Chamoli/ THDC	Alaknanada/ Ganga	444	2022-23 (Dec'22)
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	2019-21 (July'20)
12	Naitwar Mori 2x30=60 MW	U-1 to U-2	Uttarakhand/Uttarkashi/ SJVNL	Tons/Yamuna/Ganga	60	2021-22 (Dec'21)
13	Ratle # 4x205+1x30= 850 MW	U-1 to U-5	Jammu & Kashmir/Kishtwar/ Ratle Hydro Electric Project Pvt. Ltd. / NHPC	Chenab/ Indus	850	2023-24 *
			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	2021-22 (Feb'22)
15	Lower Kalnai 2x24= 48 MW	U-1 to U-2	J&K/Kishtwar/ JKSPDC	Chenab/ Indus	48	2023-24 *
16	Shahpurkandi 3x33+3x33+1x8= 206 MW	U-1 to U-7	Punjab/Gurdaspur/ Irr. Deptt. & PSPCL	Ravi/ Indus	206	2022-23 (May'22)
17	Uhl-III 3x33.33= 100 MW	U-1 to U-3	Himachal Pradesh/Mandi/ Beas Valley Power Corp. Ltd. (BVPC)	Uhl/Beas/ Indus	100	2019-20 (Mar'20) (Critical)
18	Sawra Kuddu 3x37= 111 MW	U-1 to U-3	Himachal Pradesh/Shimla/ HPPCL	Pabbar/Tons/ Yamuna/Ganga	111	2020-21 (June'20)
19	Shongtong Karcham 3x150= 450 MW	U-1 to U-3	Himachal Pradesh/Kinnaur/ HPPCL	Satluj/ Indus	450	2023-25 (Apr'24)
20	Vyasi 2X60=120 MW	U- 1 & U- 2	Uttarakhand/Dehradun/ UJVNL	Yamuna/ Ganga	120	2020-21 (Mar'21)
21	Koyna Left Bank PSS 2x40= 80 MW	U-1 to U-2	Maharashtra/Satara/ WRD, Gov. of Mah.	Koyna/ Krishna/ EFR	80	2022-23 *

Sl. No.	Name of Project / Installed Capacity	Unit No.	State/District Implementing Agency	River/Basin	Capacity (MW)	Likely Commissioning
22	Polavaram 12x80= 960 MW	U-1 to U-12	Andhra Pradesh/East & West Godavari/ APGENCO/ Irr. Dep't., A.P.	Godavari/ EFR	960	2021-23 (Mar'23)
23	Pallivasal 2x30= 60 MW	U-1 to U-2	Kerala/Idukki/ KSEB	Mudirapuzha/ Periyar/Baypore Periyar/ WFR	60	2021-22 (Dec'21)
24	Thottiyar 1x30 + 1x10= 40 MW	U-1 to U-2	Kerala/Idukki/ KSEB	Thottiyar/ Periyar/ / Baypore Periyar/ WFR	40	2020-21 (Dec'20)
25	Kundah Pumped Storage (Phase-I, Phase-II & Phase-III) 4x125= 500 MW	U-1to4	Tamil Nadu/Nilgiris/ TANGEDCO	Kundah/Bhavani/ Cauvery/ EFR	500	2022-23
			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	2020-21 (Oct'20)
27	Tangnu Romai- I 2x22= 44 MW	U-1 to U-2	Himachal Pradesh/Shimla/ Tangu Romai Power Generation	Pabbar/Tons/Yamuna /Ganga	44	2022-23 *
28	Bajoli Holi 3x60= 180 MW	U-1 to U-3	Himachal Pradesh/Chamba/ GMR Bajoli Holi Hydro Power Pvt. Ltd.	Ravi/ Indus	180	2020-21 (Oct'20)
29	Tidong-I 2x50= 100 MW	U-1 to U-2	Himachal Pradesh/Kinnaur/ M/s Statkraft India Pvt. Ltd.	Tidong/Satluj/ Indus	100	2021-22 (Oct'21)
30	Phata Byung 2x38= 76 MW	U-1 to U-2	Uttarakhand/Rudraprayag M/s Lanco	Mandakini/Alaknanda Ganga	76	2021-22*
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 (May'20)
32	Maheshwar ## 10x40= 400 MW	U-1 to U-10	Madhya Pradesh/Khargone & Khandwa/ SMHPCL	Narmada/ CIRS	400	2020-22 *
33	Rangit-IV 3x40= 120 MW	U-1 to U-3	Sikkim/West Sikkim/ Jal Power corp. Ltd.	Rangit/ Teesta/ Brahmaputra	120	2022-23 *
34	Bhasmey 2x25.5= 51 MW	U-1 to U-2	Sikkim/East Sikkim/ Gati Infrastructure	Rangpo/ Teesta/ Brahmaputra	51	2022-23 *
35	Rangit-II 2x33= 66 MW	U-1 to U-2	Sikkim/West Sikkim/ Sikkim Hydro Power Ltd.	Greater Rangit/ Teesta/ Brahmaputra	66	2022-23 *
36	Rongnichu 2x48= 96 MW	U-1 to U-2	Sikkim/East Sikkim/ Madhya Bharat Power Corporation Ltd.	Rongnichu/ Teesta/ Brahmaputra	96	2020-21 (Sept'20)
37	Panan 4x75= 300 MW	U-1 to U-4	Sikkim/North Sikkim/ Himgiri Hydro Energy Pvt. Ltd.	Rangyongchu/ Teesta/ Brahmaputra	300	2023-24 *
38	Kutehr 3x80= 240 MW	U-1 to U-3	Himachal Pradesh/Chamba/ JSW Energy (Kutehr) Ltd.	Ravi/ Indus	240	2024-25
			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.