

CHAPTER- 5
Sanctioned Hydro Projects for 12th Plan & Beyond
(Excluding projects under Ministry of New & Renewable Energy)

Sl. No.	Name of Scheme	State	I.C. (No. x MW)	Benefits (MW)	Date of Approval	Likely Commng.
A. Hydro Capacity as per Programme of 12th Plan						
i) Commissioned during 12th Plan						
Commissioned during 2012-13						
Central Sector						
1	Chamera-III (NHPC)	H.P.	3x77	231.00	01.09.05	
2	Chutak (NHPC)	J&K	4x11	44.00	24.08.06	
3a	Teesta Low Dam-III (NHPC)	W.B.	4x33	99.00	30.10.03	
Sub- total (Central Sector) :				374.00		
State Sector						
4a	Bhawani Barrage III (TANGEDCO)	T.N.	2x15	15.00	27.03.02	
5	Myntdu (MeECL)	Meghalaya	2x42+ 1x42	42.00	09.06.03	
6 #	Jaldhaka (WBSEDCL)	W.B.	4x9	9.00	08.10.12	
Sub- total (State Sector) :				66.00		
Private Sector						
7	Budhil (LANCO Green Power)	H.P.	2x35	70.00	02.06.05	
Sub- total (Private Sector) :				70.00		
Total Commissioned 2012-13				510.00		
Commissioned during 2013-14						
Central Sector						
3b	Teesta Low Dam-III (NHPC)	W.B.	4x33	33.00	30.10.03	
8	Uri-II (NHPC)	J&K	4x60	240.00	01.09.05	
9	Nimoo Bazgo (NHPC)	J&K	3x15	45.00	24.08.06	
10a	Parabati-III (NHPC)	H.P.	4x130	390.00	09.11.05	
11a	Rampur (SJVNL)	H.P.	6x68.67	206.00	25.01.07	
Sub- total (Central Sector) :				914.00		
State Sector						
12	Bhawani Barrage II (TANGEDCO)	T.N.	2x15	30.00	11.06.99	
4b	Bhawani Barrage III (TANGEDCO)	T.N.	2x15	15.00	27.03.02	
Sub- total (State Sector) :				45.00		
Private Sector						
13	Chujachen (Gati Infrastructure)	Sikkim	2x49.5	99.00	30.11.04	
Sub- total (Private Sector) :				99.00		
Total Commissioned 2013-14				1058.00		
Commissioned during 2014-15						
Central Sector						
10b	Parabati-III (NHPC)	H.P.	4x130	130.00	09.11.05	
11b	Rampur (SJVNL)	H.P.	6x68.67	206.00	25.01.07	
14a	Kol Dam (NTPC)	H.P.	4x200	400.00	28.10.02	
Sub- total (Central Sector) :				736.00		
Total Commissioned 2014-15				736.00		
Commissioned during 2015-16						
Central Sector						
14b	Kol Dam (NTPC)	H.P.	4x200	400.00	28.10.02	
15a	Teesta Low Dam-IV (NHPC)	W.B.	4x40	80.00	30.09.05	
Sub- total (Central Sector) :				480.00		
State Sector						
16	Baglihar- II (JKPDC)	J&K	3x150	450.00	19.03.12	
17a	Lower Jurala (TSGENCO)	Telangana	6x40	160.00	July, 2007	
Sub- total (State Sector) :				610.00		
Private Sector						
18	Shrinagar (AHPC)	Uttarakhand	4x82.5	330.00	14.06.2000	
19	Jorethang Loop (DANS Energy)	Sikkim	2x48	96.00	26.08.06	
Sub- total (Private Sector) :				426.00		
Total Commissioned 2015-16				1516.00		
Commissioned during 2016-17 (Upto 30.09.2016)						
Central Sector						
15b	Teesta Low Dam-IV (NHPC)	W.B.	4x40	80.00	30.09.05	
Sub- total (Central Sector) :				80.00		
State Sector						
20	Kashang -I (HPPCL)	H.P.	1x65	65.00	Nov, 01	
17b	Lower Jurala (TSGENCO)	Telangana	6x40	80.00	July, 2007	
21 ^{TP}	Kashang -II & III (HPPCL)	H.P.	2x65	65.00	-	
22 ^{TP}	Pulichintala (TSGENCO)	Telangana	4x30	30.00	25.04.07	
Sub- total (State Sector) :				240.00		
Total Commissioned 2016-17				320.00		
Total (i) 12th Plan-Commissioned (up to 30.09.2016)				4140.00		
ii) Under Execution						
Central Sector						
1	Kishanganga (NHPC)	J&K	3x110	330.00	20.07.07	2017-18
2	Parbati St. II (NHPC)	H.P.	4x200	800.00	11.09.02	2018-19
3	Tapovan Vishnugad (NTPC)	Uttarakhand	4x130	520.00	11/2006	2019-20
4a	Subansiri Lower (NHPC)	Ar. Pr./Assam	8x250	1000.00	09.09.03	2020-21 *R
5	Kameng (NEEPCO)	Ar. Pr.	4x150	600.00	02.12.04	2017-18 *C
6	Pare (NEEPCO)	Ar. Pr.	2x55	110.00	04.12.08	2017-18 *S
7	Tuirial (NEEPCO)	Mizoram	2x30	60.00	14.01.11	2017-18
Sub- total (Central Sector) :				3420.00		

Sl. No.	Name of Scheme	State	I.C. (No. x MW)	Benefits (MW)	Date of Approval	Likely Commng.
State Sector						
8	Uhl-III (BVPCL)	H.P.	3x33.33	100.00	19.09.02	2017-18
9 ^P	Kashang -II & III (HPPCL)	H.P.	2x65	65.00	-	2019-20 *R
10	Sainj (HPPCL)	H.P.	2x50	100.00	29.12.10	2016-17
11	Swara Kuddu (HPPCL)	H.P.	3x37	111.00	10.11.04	2018-19
12	Nagarujana Sagar TR (APGENCO)	A.P.	2x25	50.00	17.01.05	2016-17
13 ^P	Pulichintala (TSGENCO)	Telangana	4x30	90.00	25.04.07	2016-18
14	Pallivasal (KSEB)	Kerala	2x30	60.00	Jan., 07	2019-20 *R
15	Thottiyar (KSEB)	Kerala	1x30+1x10	40.00	05.06.08	2019-20 *R
16	New Umtru (MePGCL)	Meghalaya	2x20	40.00	Dec., 07	2016-18 *S
17	Teesta St. III (Teesta Urja) (*)	Sikkim	6x200	1200.00	12.05.06	2016-17
Sub- total (State Sector) :				1856.00		
Private Sector						
18	Sorang (Himachal Sorang Power)	H.P.	2x50	100.00	09.06.06	2017-18 *R
19	Tidong-I (NSL Power)	H.P.	2x50	100.00	28.07.06	2017-18
20	Tangnu Romai- I (NSL Power)	H.P.	2x22	44.00	30.11.07	2018-19 *R
21	Phata Byung (LANCO)	Uttarakhand	2x38	76.00	06.10.08	2018-19 *A
22	Singoli Bhatwari (L&T)	Uttarakhand	3x33	99.00	11.07.08	2019-20 *A
23	Maheshwar (SMHPCL)	M.P.	10x40	400.00	30.12.96	2017-19 *R
24	Teesta St. VI (LANCO)	Sikkim	4x125	500.00	27.12.06	2021-22 *R
25	Rangit-IV (JAL Power)	Sikkim	3x40	120.00	06.07.07	2019-20 *R
26	Bhasmey (GATI Infrastructure)	Sikkim	2x25.5	51.00	Dec-08	2019-20
Sub- total (Private Sector) :				1490.00		
Total ii: 12th Plan-Under execution				6766.00		
Total 'A': 12th Plan (Comm. + Under Execution #)				10906.00		

SUMMARY- 12th Plan				
	Central	State	Private	Total
Commissioned	2584.00	961.00	595.00	4140.00
Under Construction	3420.00	1856.00	1490.00	6766.00
Total: (12th Plan) #	6004.00	2817.00	2085.00	10906.00

includes out of Programme Jaldakha HEP U#1 9MW, State Sector commissioned in 2012-13.

B. Hydro Capacity for benefits beyond 12th Plan- Under Execution

<u>Central Sector</u>						
27	Tehri PSS (THDC)	Uttarakhand	4x250	1000.00	18.07.06	2019-20
28	Lata Tapovan (NTPC)	Uttarakhand	3x57	171.00	17.07.12	2021-22 *R
29	Vishnugad Pipalkoti (THDC)	Uttarakhand	4x111	444.00	21.08.08	2019-20
4b	Subansiri Lower (NHPC)	Ar. Pr./Assam	8x250	1000.00	09.09.03	2020-21 *R
30	Ramam-III (NTPC)	West Bengal	3x40	120.00	10.09.14	2019-20
Sub- total (Central Sector) :				2735.00		
<u>State Sector</u>						
31	Shongtom Karcham (HPPCL)	H.P.	3x150	450.00	16.08.12	2019-20
32	Shahpurkandi (PSPCL)	Punjab	3x33+3x33+1x8	206.00	04.05.11	2019-20 *R
33	Vyasi (UJVNL)	Uttarakhand	2x60	120.00	25.10.2011	2018-19
34	Koyna Left Bank (WRDMah)	Maharashtra	2x40	80.00	20.02.04	2019-20 *A
35	Polavaram (PPA)	Andhra Pradesh	12x80	960.00	25.02.09	2021-22 *AE
Sub- total (State Sector) :				1816.00		
<u>Private Sector</u>						
36	Ratle (Ratle Hydro)	J&K	4x205+1x30	850.00	19.12.12	2021-22 *R
37	Bajoli Holi (GMR)	H.P.	3x60	180.00	30.12.11	2019-20
38	Chanju-I (IA Energy)	H.P.	3x12	36.00	24.04.10	2016-17
39	Tashiding (Shiga)	Sikkim	2x48.5	97.00	06.04.09	2016-17
40	Dikchu (Dikchu)	Sikkim	2x48	96.00	21.10.11	2016-17
41	Rangit-II (Sikkim Hydro Power)	Sikkim	2x33	66.00	10.02.10	2019-20 *R
42	Rongnichu (Madhya Bharat Power)	Sikkim	2x48	96.00	01.10.08	2019-20
43	Panan (Himagiri Hydro Energy)	Sikkim	4x75	300.00	07.03.11	2020-21 *AE
44	Gongri (Dirang Energy)	Ar. Pradesh	2x72	144.00	04.02.13	2019-20 *A
Sub- total (Private Sector) :				1865.00		
Total 'B': Beyond 12th Plan-Under execution				6416.00		
Total: Under Execution				13182.00		
Under Construction (12th plan & Beyond)		Central	State	Private	Total	
		6155.00	3672.00	3355.00	13182.00	

Legends: *C-Critical; *P-Partially Commissioned ; *R-Subject to Re-Start of Works; *A-Subject to Active Start of works ; *AE-Subject to Active Start & Award of E&M Works; # :-Outside from the 12th Plan Programme, *S-Programme of 2016-17, however Slipping to 2017-18.