STATUS OF PUMPED STORAGE DEVELOPMENT IN INDIA

	ON STREAM PSP (Generating PSPs)		OFF STREAM PSP (Storage PSPs)				TOTAL PSP (ON STREAM + OFF STREAM)	
			Off Stream Open Loop		Off Stream Closed Loop			
Category	**No. of projects**	**Capacity (MW)**	**No. of projects**	**Capacity (MW)**	**No. of projects**	**Capacity (MW)**	**No. of projects**	**Capacity (MW)**
Potential	**62**	**56671**	**77**	**89793**	**183**	**200659**	**322**	**347122.6**
In Operation	8	4845.6			2	2580	10	**7425.6**
Under Construction	3	3850	7	10420	1	1600	11	**15870**
DPR concurred by CEA/ Appraised by CEA	2	1640	3	3900	3	4860	8	**10400**
Under Examination	0	0					0	**0**
Under S&I								
(i) Projects Under S&I in CEA	1	1000	17	28650	22	33750	40	**63400**
(ii) Projects Under S&I not in CEA	1	500	2	1050	25	31550	28	**33100**
Total (i) +(ii)	2	1500	19	29700	47	65300	68	**96500**
DPR Returned for Resubmission								
Grand Total (Except in operation)	**7**	**6990**	**29**	**44020**	**51**	**71760**	**87**	**122770**

CATEGORY WISE STATUS OF PUMPED STORAGE DEVELOPMENT IN INDIA
(Installed Capacity above 25 MW)

S.No.	Pumped Storage Project	State	District	CAPACITY		On Stream/ Off Stream	Loop (Open / Closed)	Reservoir				Developer	Actual Commissioning/Anticipated Commissioning	Date of CEA Concurrence
				No. of units x Unit size (MW)	MW			Upper		Lower				
A. PSP IN OPERATION														
1	Kadana	Gujarat	Mahisagar	4x60	240	On Stream						GSECL		
2	Sardar Sarovar Project	Gujarat	Narmada	6x200	1200	On Stream						SSNNL		
3	Ghatgar	Maharashtra	Thane	2x125	250	On Stream						MAHAGENCO	2008 (250 MW)	17.03.1993
4	Bhira	Maharashtra	Raigad	1x150	150	On Stream						TATA Power	1927 (125 MW) 1949 (25 MW)	
5	Tehri	Uttarakhand	Tehri Garhwal	4x 250	1000	On Stream						THDC	2025 (June 2025, July 2025 Dec'2025 & April 2026)	May , 1985
6	Srisailam LBPH	Telangana	Nalgonda	6x150	900	On Stream						TSGENCO	2001 (300 MW) 2002 (450 MW) 2003 (150 MW)	
7	Kadamparai	Tamil Nadu	Coimbatore	4x100	400	On Stream						TANGEDCO	1987 (100 MW) 1988 (200 MW) 1989 (100 MW)	
8	Nagarjuna Sagar	Telangana	Karnool	7x100.80	705.60	On Stream						TSGENCO	1980 (100.8 MW) 1981 (100.8 MW) 1982 (100.8 MW) 1983 (100.8 MW) 1984 (100.8 MW) 1985 (202 MW)	
	Sub-Total (On-Stream)	**8**		**Nos.**	**4846**	**MW**								
1	Pinnapuram	Andhra pradesh	Kurnool	6 x 240 +2 x 120	1680	Off Stream	Closed	UR is constructed near Pinnapuram village	FRL-460.8 m MDDL- 445.50 m Live Storage- 1.126 TMC	LR is contructed near Gumtam Tanda village	FRL-335.10 m MDDL- 321.8 m Live Storage- 1.118 TMC	Greenko Ltd	gust 2025(2 x 120 MW	20.04.2022
2	Purulia	West Bengal	Purulia	4x225	900	Off Stream	Closed					WBSEDCL	2007	
	Sub-Total (Off-Stream)	**2**		**Nos.**	**2580**	**MW**								
	Total (In-operation)	**10**		**Nos.**	**7425.60**	**MW**								
B. PSP UNDER CONSTRUCTION														
1	Upper Sileru	Andhra Pradesh	Alluri Sitharamaraju	9 x 150	1350	On Stream		UR is Existing Guntawala Reservoir	FRL-414.50m MDDL-406.75 m	LR is Existing Donkarayi Reservoir	FRL-316m MDDL-306 m	APGENCO	2028-29 (Feb 2029)	13.06.2023
2	Sharavathy	Karnataka	Upper dam (Shimoga) & Lower dam (Uttara Kannada)	8 x 250	2000	On Stream		UR is Existing Talakalale Reservoir	FRL-522.12m MDDL-520.59 m Live Storage- 13.90 MCM	LR is Existing Gerusoppa Reservoir	FRL-55m MDDL-43.50 m Live Storage- 58.70 MCM	KPCL	2032-33 (May'32)	09.09.2024
3	Kundah (Stage I,II&III)	Tamil Nadu	Nilgiris	4x125	500	On Stream						TANGEDCO	2026-27 (Feb 27)	03.12.2008
	Sub-Total (On-Stream)	**3**		**Nos.**	**3850**	**MW**								
1	Chitravathi	Andhra Pradesh	Satya Sai	2 x 250	500	Off Stream	Open	UR is Newly constructed	FRL-496 m MDDL- 460 m Live Storage- 6.628 MCM	LR is existing Chitravathi Balancing Reservoir	FRL-298 m MDDL- 285.5 m Live Storage- 261.92 MCM	Adani Renewable Energy Forty-Two Limited	2026-27 (Feb 27)	05.03.2025
2	Gandikota	Andhra Pradesh	Kadapa	4 X 250	1000	Off Stream	Open	UR is artificial Reservoir	FRL-481 m MDDL-464 m Live Storage-8.59 MCM	LR is Existing Gandikota Reservoir	FRL-212 m MDDL-202.9 m Live storage-669.38MCM	Adani Renewable Energy Fifty One Limited	2028-29 (Mar' 2029)	28.05.2025

3	Saundatti	Karnataka	Belagavi	320X4+160x2	1600	Off Stream	Closed	UR is newly constructed Reservoir	FRL-854 m MDDL- 829 m Live Storage- 0.702 TCM	UR is newly constructed Reservoir	FRL-654m MDDL- 631 m Live Storage-0.683 TCM	Greenko KA01 IREP Private Limited	2027-28 (Dec' 2027)	29.07.2025
4	MP30 Gandhisagar	Madhya Pradesh	Neemuch	7x240 +2x120	1920	Off Stream	Open	off stream, New construction	FRL - 525.20 MDDL - 508.00 Live storage - 1.24 TMC	Existing on Chambal river	FRL - 399.90 MDDL - 381.00 Live storage - 233.25 TMC	Greenko MP01 IREP Private Limited	2026-27 (Dec26)	19.12.2024
5	Bhivpuri	Maharashtra	Raigad	4 x 200 + 2 x 100	1000	Off Stream	Open	Upper reservoir, also known as Thokerwadi reservoir, is an existing reservoir situated in a natural depression area	FRL - 667.17 MDDL - 646.18 Live storage - 352.52 MCM	LR to be newly constructed	FRL - 113.5 MDDL - 84.0 Live storage - 4.46 MCM	TATA Power	2028-29(Feb '29)	30.09.2024
6	Bhavali	Maharashtra	Nashik & Thane	5x250 + 2 x 125	1500	Off Stream	Open	New reservoir off the river	FRL - 737.00 MDDL - 711.00 Live storage - 11.08 MCM	New Reservoir – on existing nallah	FRL - 300.00 MDDL - 270.00 Live storage - 11.71 MCM	JSW Energy PSP Two limited	2028-29 (Dec' 2028)	24.09.2024
7	Tarali	Maharashtra	Satara	5x300	1500	Off Stream	Open	New Construction	FRL - 765.5 MDDL - 741.5 Live storage - 15.95 MCM	Existing Tarali Reservoir, which is located across Tarali River	FRL - 711.3 MDDL - 675 Live storage - 165.46 MCM	Adani Green	2029-30(June 29)	15.01.2026
8	Karjat (Saidongar -1)	Maharashtra	Raigad	9x300 + 2x150	3000	Off Stream	Open	UR- proposed to be located on a tabletop hill in the upper catchment of Pej river	FRL-678 m MDDL- 660 m Live Storage- 15.25 MCM	LR-proposed to be located across Pej River	FRL- 166 m MDDL- 130 m Live storage- 26.61 MCM	Torrent Power	2029-30 (Dec'29)	09.01.2026
	Sub-Total (Off-Stream)	**8**		**Nos.**	**12020**	**MW**								
	Total (Under Construction)	**11**		**Nos.**	**15870**	**MW**								
C. PSP DPR CONCURRED BY CEA AND YET TO BE TAKEN UP FOR CONSTRUCTION														
1	Indira Sagar Omkareshwar	Madhya pradesh	Khandwa	8 x 80	640	On Stream		Existing	FRL - 262.13 MDDL - 243.23 Live storage - 9.29 BCM	Existing	FRL - 199.62 MDDL - 196.60 Live storage - 230.49	NHDC Ltd	2030-31	17.08.2026
2	Turga	West Bengal	Purulia	4x250	1000	On Stream						WBSEDCL	2031-32	05.10.16
	Sub-Total (On-Stream)	**2**		**Nos.**	**1640**	**MW**								
1	Upper Indravati	Odisha	Kalahandi	4x150	600	Off Stream	Open	UR is existing	FRL- 642 m MDDL - 625 m Live Storage- 1455.76 MCM	Off Stream , New Construction	FRL- 300 m MDDL - 285 m Live Storage- 3.78 MCM	OHPC	2032-33	19.08.24
2	Kandhaura	Uttar Pradesh	Sonbhadra	5x280+2x140	1680	Off Stream	Closed	Off stream, New Construction	FRL - 568.00 MDDL - 535.00 Live storage - 12.69 MCM	Off stream, New Construction	FRL - 568.00 MDDL - 535.00 Live storage - 12.62 mcm	JSW Energy PSP Six ltd	2029-30	13.06.2025
3	Shirwata	Maharashtra	Raigad	5x300 +2x150	1800	Off Stream	Open	Off stream, New Construction	FRL - 965.0 MDDL - 948.0 Live storage - 15.33 mcm	Existing on Indryani River	FRL - 656.84 MDDL - 638.0 Live storage - 179.19 mcm	Tata Power	2030-31	07.09.2025
4	Pane	Maharashtra	Raigad	5x250+2x125	1500	Off Stream	Open	Off stream, New Construction	FRL - 747 MDDL - 696 Live storage - 7.52 MCM	Lower reservoir is connected to a small stream which joins the downstream Kal river near Pane Village	FRL - 213 MDDL - 193 Live storage - 7.65 MCM	JSW Energy	2030-31	18.09.2025

5	Chichlik	Uttar Pradesh	Sonbhadra	5x260 + 2x130	1560	Off Stream	Closed	The upper reservoir is proposed on a plateau having a flatter topography near Chichlik village in Robertsganj Taluk of Sonbhadra district	FRL - 578 m MDDL - 557 m Live storage - 12.61 MCM	The lower reservoir is proposed at the foothills with moderately dense vegetation near Bashuhari Village in Robertsganj Taluk of Sonbhadra district	FRL - 196 m MDDL - 164 m Live storage - 11.08 MCM	Avaada	2029-30	08.07.2026
6	Jhariya	Uttar Pradesh	Sonbhadra	5x270 + 2x135	1620	Off Stream	Closed	The upper reservoir is proposed to be located at the hilltop in Machchharmara village.	FRL - 567 m MDDL 562 m - Live storage - 12.67 MCM	The lower reservoir is proposed to be located at the foothill in Jhariya village.	FRL - 237 m MDDL - 562 m Live storage - 15.08 MCM	Jhariya AnantUrja	2032-33	13.08.2026
	Sub-Total (Off-Stream)	**6**		**Nos.**	**8760**	**MW**								
	Total (Concurred)	**8**		**Nos.**	**10400**	**MW**								
								D. PSP UNDER EXAMINATION						
	Sub-Total (On-Stream)	**0**		**Nos.**	**0**	**MW**								
	Total (Under Examination)	**0**		**Nos.**	**0**	**MW**								
								E. PSP UNDER SURVEY & INVESTIGATION						
	Pumped Storage Projects under S&I in CEA													
1	Upper Bhavani	Tamil Nadu	Nilgiris	4 x 250	1000	On Stream		UR is on Bhivani River	FRL-2276.88 m MDDL-2246.87 m Live Storage-74.26 MCM	LR is Avalanche-Emerald complex reservoir system(Avalanche River)	FRL-1985.8 m MDDL- 1956 m Live Storage- 55.46 MCM	NTECL	2031-32	
	Sub-Total (On-River)	**1**		**Nos.**	**1000**	**MW**								
1	Koppolu	Andhra Pradesh	YSR Kadapa	8 x 300	2400	Off Stream	Open	New Reservoir to be developed	FRL-El. 445m MDDL-El. 412m Live Storage -36.79 MCM	Gandikota	FRL-El. 212m MDDL-El. 200.5m Live Storage -717.42 MCM	M/s Chinta Green Energy Pvt. Ltd.		
2	Moti Hojai	Assam	Dima Hasao	4 x 300	1200	Off Stream	Closed	25°14′51.77″N, 93°4′28.80″E	FRL: 613 m MDDL: 586 m Live Storage: 10.55 MCM	25°15′47.45″N, 93°5′6.00″E	FRL: 309 m MDDL: 288 m Live Storage: 10.78 MCM	Adani Green	2034-35	
3	Assam PSP -05	Assam	West Karbi Anglong	4 x 325	1300	Off Stream	Closed					Hinduja Renewables Energy Pvt. Ltd.		
4	Gosaintri	Bihar	Nawada	4 x 300	1200	Off Stream	Closed	offstream	FRL - 577m MDDL - 554m Live storage - 8.79 MCM	Offstream	FRL - 193m MDDL - 169m Live storage - 8.62MCM	Sun Hydro		
5	Hasdeo bango	Chhattisgarh	Korba	4x200	800	Off Stream	Open	New Construction	FRL - 670 MDDL - 648 Live storage - 5.368 MCM	Existing	FRL - 359.66 MDDL - 329.79 Live storage - 2894 MCM	CSPGCL	2033-34	

6	Sikaser	Chhattisgarh	Gariyaband	4 x 300	1200	Off Stream	Open	New Construction	FRL - 718.5 MDDL 700 - Live storage - 9.44 MCM	Existing	FRL - 406 MDDL - 397 Live storage - 161.95 MCM	CSPGCL	2033-34	
7	Rouni	Chhattisgarh	Jashpur	6 x 350	2100	Off Stream	Open	New Construction	FRL - 1103 MDDL - 1085 Live storage - 15.06 MCM	New Construction	FRL - 765.5 MDDL 741.5 - Live storage - 15.95 MCM	CSPGCL	2033-34	
8	Dangri	Chhattisgarh	Jashpur	4 x 350	1400.00	Off Stream	Open	Off Stream	FRL - 1134 m MDDL - 1121 m Live storage - 8.77 MCM	on Geor Nadi	FRL - 749 MDDL - 739 Live storage - 8.77 MCM	CSPGCL		
9	Kotpalli	Chhattisgarh	Balrampur	6 x 300	1800	Off Stream	Closed					CSPGCL		
10	Mudghusri	Chhattisgarh	Kabirdham	4 x 250	1000	Off Stream	Closed	Off Stream	FRL - 694 MDDL - 665 Live storage - 11.68	Off Stream	FRL - 469 MDDL - 451 Live storage - 14.84	ReNew Vidyut Tej Pvt. Ltd		
11	Motaraypura	Gujarat	Narmada	4 x 250	1000	Off Stream	Open	New Construction	FRL - 271 MDDL - 225 Live storage - 14.5	Existing (Karjan Dam)	FRL - 115.25 MDDL 78- Live storage - 538.03	GSECL	2034-35	
12	Dharoi	Gujarat	Banaskantha	10 x125	1250	Off Stream	Open	New Construction	FRL - 356 MDDL - 330 Live storage - 21.76 MCM	Existing	FRL - 189.59 MDDL - 175.88 Live storage - 26.327 MCM	GSECL	2032-33	
13	Narihalla	Karnataka	Bellary	2x150	300	Off Stream	Open	Upper dam is proposed across a minor rivulet / nallah draining into Narihalla reservoir and existing Narihalla reservoir located across Narihalla river near Taranagar village, in Bellary district	FRL-687 m MDDL- 657 m Live Storage- 5.85 MCM	LR is Narihalla Reservoir existing on Narihalla River	FRL-542.315m MDDL- 530 m Live Storage- 18.33 MCM	JSW Energy	2029-30	
14	Panari	Madhya Pradesh	Panna	5 x 300 + 2 x 150	1800	Off Stream	Open	Off stream, New Construction	FRL - 408 MDDL -390 Live storage - 20.95 MCM	New Construction (the lower reservoir is located on a stream/nallah)	FRL - 185 MDDL - 170 Live storage - 26.62 MCM	Sri Siddharth Infratech & Services Pvt Ltd		
15	Maval (Saidongar -2)	Maharashtra	Pune & Raigad	3x300 + 2x150	1200	Off Stream	Open	New Reservoir -Off the river	FRL - 688 MDDL - 668 Live storage - 6.2 MCM	New Reservoir - on Nallah	FRL - 166 MDDL - 130 Live storage - 26.61 MCM	Torrent Power	2032-33	
16	Savitri	Maharashtra	Satara-Raigad	8 x 300	2400	Off Stream	Open	New Construction	FRL - 798 MDDL - 776 Live storage - 11.23 MCM	New Construction	FRL - 227 MDDL - 197 Live storage - 13.14 MCM	NHPC	2033-34	
17	Kumbhe	Maharashtra	Raigad	4 x 275	1100	Off Stream	Open	Under Contruction (Nirabai River)	FRL - 602 MDDL - 593.13 Live storage - 7.71 MCM	New Construction	FRL - 204.79 MDDL - 165 Live storage - 6.91	NTPC		
18	Kalu	Maharashtra	Pune & Thane	6 x 300	1800	Off Stream	Closed	New Construction	FRL - 855 MDDL - 836.79 Live storage - 8.76	New Construction	FRL - 240 MDDL - 226.20 Live storage - 8.71 MCM	NHPC	2035-36	
19	Malshej Ghat	Maharashtra	Pune & Thane	4 x 300	1200	Off Stream	Closed	Upper Reservoir is located near village Khubi, District Pune	FRL-700 m MDDL- 680 m Live Storage-8.43 MCM	Lower Reservoir near village Thitabi, District Thane	FRL-276 m MDDL- 240 m Live Storage-7.28 MCM	THDC	2034-35	
20	Humbarli Barmani	Maharashtra	Satara-Ratnagiri	6 x 250	1500.00	Off Stream	Open	on small nallah	FRL - 765 m MDDL - 738 m Live storage - 8.77 MCM	on small nallah	FRL - 255m MDDL - 200m Live storage -8.42 MCM	THDC		

21	Pawana Falyan	Maharashtra	Pune-Raigad	8 x 300	2400	Off Stream	Closed	Off stream, New Construction	FRL - 822 MDDL - 818 Live storage - 9.06 MCM	Off stream, New Construction	FRL - 138 MDDL - 121 Live storage - 11.30 MCM	Avaada	2033-34	
22	Aruna Kolamb	Maharashtra	Kolhapur - Ratnagiri	6 x 300	1800	Off Stream	Open	on Minor nallah draining into Kukadi river	FRL -625 m MDDL - 598m Live storage - 9.67 MCM	on Minor nallah draining Into Kalu rive	FRL -253 m MDDL -215 m Live storage - 9.32 MCM	THDC		
23	Bhorande	Maharashtra	Pune & Thane	6 x 250	1500	Off Stream	Closed	on Minor nallah draining into Kukadi river	FRL - 770 MDDL - 752 Live storage - 7.48 MCM	on Minor nallah draining Into Kalu rive	FRL - 246 MDDL - 206 Live storage - 8.8 MCM	Adani Green		
24	Aruna	Maharashtra	Kolhapur/Sindhudurg	6 x 250	1500	Off Stream	Open	on Minor nallah	FRL - 632 m MDDL - 604 m Live storage - 12.08 MCM	on Minor nallah	FRL - 291 m MDDL - 248 m Live storage - 12 MCM	THDC		
25	Pashchim Ghat	Maharashtra	Pune-Raigad	12 x 450	5400	Off Stream	Open	Off Stream	FRL - 754 m MDDL - 694 m Live storage - 26.63MCM	on minor nallah	FRL - 171m MDDL - 120m Live storage - 26.33MCM	JSW Neo Energy		
26	Warangi	Maharashtra	Pune-Raigad	5x300	1500	Off Stream	Closed		FRL - 763 MDDL - 739 Live storage - 7.65 MCM		FRL - 197 MDDL - 175 Live storage - 8.0 MCM	Adani Green	2030-31	
27	Amba	Maharashtra	Pune-Raigad	6 x 250	1500	Off Stream	Open	Seasonal Nala Drains Into Pawana/Pauna Lake	FRL - 738 MDDL - 692 Live storage - 6.13 MCM	easonal Sayali Nala, Which Merges Into Uttara Nad	FRL - 110.5 MDDL - 95 Live storage - 6.99 MCM	NTPC		
28	Nivakane	Maharashtra	Satara	8x 300 + 2x150	2700	Off Stream	Closed	UR is to be newly constructed	FRL - 1068m MDDL - 1030 m Live storage - 22.572 MCM	LR is to be newly constructed	FRL - 751 m MDDL - 713 m Live storage - 22.392 MCM	Adani Green	2030-31	
29	Pen	Maharashtra	Raigad	6 x 233.33	1400	Off Stream	Closed	Off Stream	FRL - 531 m MDDL - 505 m Live storage - 8.06 MCM	Off Stream	FRL - 90 m MDDL - 66 m Live storage - 8.19 MCM	Torrent Power		
30	Masinta	Odisha	Deogarh	4 x 250	1000	Off Stream	Closed	near village Gaurandikhol, Angul District	FRL - 366 m MDDL - 336 m Live storage - 12.695 MCM	Non-Perennialsmall nallah, tributary of Brahmani River	FRL - 154 m MDDL - 146 m Live storage - 13.53 MCM	NHPC	2031-32	
31	Sikabadi	Odisha	Gajapati	2 x 300	600	Off Stream	Closed	Off Stream	FRL - 653 m MDDL - 618 m Live storage - 6.47 MCM	Off Stream	FRL - 395 m MDDL - 356 m Live storage - 6.49 MCM	GRIDCO		
32	Kumulsingi	Odisha	Gajapati	3 x 250	750	Off Stream	Closed	Off Stream	FRL - 753 m MDDL - 737 m Live storage - 5.21 MCM	Off Stream	FRL - 261 m MDDL - 237m Live storage - 6.51 MCM	GRIDCO		

33	Shahpur	Rajasthan	Baran	5x300 +2x150	1800	Off Stream	Closed	The upper reservoir to be located on a flat / gradually sloping land and located away from all the existing river systems and have no/very small catchment area.	FRL - 507 m MDDL - 490 m Live storage - 10.10 MCM	The lower reservoirs to be located on a flat / gradually sloping land and located away from all the existing river systems and have no/very small catchment area.	FRL - 349 m MDDL - 328 m Live storage - 10 MCM	Greenko	2030-31	
34	Sirohi	Rajasthan	Sirohi	3x400	1200	Off Stream	Closed	The upper dam is located on a table top hill. It is proposed to utilize the head available between proposed upper and lower dams located across a minor rivulet draining into Sili nallah, a tributary of Sipu (also known as Sukli) river in West Banas River basin.	FRL - 888 m MDDL - 832 m Live storage - 6.07 MCM	The lower dam is located across the minor rivulet draining into Sili nallah	FRL - 388 m MDDL - 365 m Live storage - 6.78 MCM	JSW Energy	2030-31	
35	Kalluru	Telangana	Khammam	5 x 250+ 2 x 125	1500	Off Stream	Closed	offstream	FRL - 458 m MDDL - 410 m Live storage - 14.74 MCM	offstream	FRL - 148 m MDDL - 130 m Live storage - 15.61 MCM	TGGENCO		
36	UP01	Uttar Pradesh	Sonbhadra	10 x 300	3000	Off Stream	Closed		FRL - 590 m MDDL - 567 m Live storage - 26.42 MCM		FRL - 223 m MDDL - 209 m Live storage - 28.71 MCM	Greenko	2030-31	
37	Panaura	Uttar Pradesh	Sonbhadra	4x300 +2x150	1500	Off Stream	Closed	Off Stream	FRL - 550 MDDL - 532 Live storage - 11.15 MCM	Off Stream	FRL - 216 MDDL - 176 Live storage - 12.84 MCM	Adani Green	2029-30	
38	Shoma	Uttar Pradesh	Sonbhadra	7x300+2x150	2400	Off Stream	Closed	Upper Reservoir of Shoma PSP is located near to Shoma Village.	FRL - 578 m MDDL - 548 m Live storage - 17.78 MCM	Lower Reservoir of Shoma PSP is located near to Chandri Village which lies on the left bank of River Son	FRL - 200 m MDDL - 175 m Live storage - 18.07 MCM	Torrent Power	2030-31	
39	Kalu Patti	Uttar Pradesh	Pune & Thane	5 x 200	1000	Off Stream	Closed	The Upper reservoir is proposed in the upper plateau region which is closer to the village Mahugari (Near Dramandganj)	FRL - 390 m MDDL - 367 m Live storage - 18.19 MCM	The proposed lower reservoir site is located near Kalu Patti village in Mirzapur District.	FRL - 167 m MDDL - 148 m Live storage - 15.36 MCM	Renew Hydro	2033-34	
	Sub-Total (Off-River)	**39**		**Nos.**	**62400**	**MW**								
	Sub-Total (PSP Under S&I in CEA)	**40**		**Nos.**	**63400**	**MW**								
	Pumped Storage Projects under S&I not in CEA													

1	Balimela	Odisha	Malkangiri	2x250	500	On Stream		Existing Balimela Reservoir	FRL - 462.1 m MDDL - 438.91 m Live storage -2675.1 MCM	New Construction at Kharika Jhora Nallah	FRL - 255.68m MDDL - 245.8m Live storage - 6.81 MCM	OHPCL		
	Sub-Total (On-River)	**1**		**Nos.**	**500**	**MW**								
1	vempalli	Andhra Pradesh	YSR Kadapa	6x250	1500	Off Stream	Closed	The upper reservoir is partly occupied with water pondage area of moderate size, appears to be the accumulation of rainwaters in the area	FRL-586 m MDDL- 570 m Live Storage- 15.67 MCM	Newly constucted LR along with RCC dam is proposed to create required storage	FRL-322 m MDDL- 302 m Live Storage- 14.99 MCM	JSW Energy	2030-31	
2	Kamalapadu	Andhra Pradesh	Ananthapuramu	3x238 +2x118	950	Off Stream	Closed	Upper reservoir is an artificial reservoir	FRL-470 m MDDL- 449m Live Storage- 15.55. MCM	LR is also an artificial reservoir to be constructed	FRL-315 m MDDL- 297m Live Storage- 18.48 MCM	APGENCO	2030-31	
3	Rayavaram	Andhra Pradesh	Annamayya	5x250+2x125	1500	Off Stream	Closed	UR is to be constructed newly and is not located on any river course .It is located at Annamayya District	FRL-732 m MDDL-708 m Live Storage- 10.26 MCM	LR is to be constructed newly and is not located on any river course .It is located at Annamayya District	FRL-353 m MDDL-336 m Live Storage- 10.59 MCM	APGENCO & ONGC	2032-33	
4	Gadikota	Andhra Pradesh	Annamayya	4x240+2x120	1200	Off Stream	Closed	The upper and lower reservoirs are formed over flat area adjacent to minor stream/riverUpper dam and reservoir area lies on the hilltop of the Gadikota village	FRL-669.50 m MDDL- 650.50 m Live Storage- 8.67 MCM	Lower dam and reservoir area lies on the bottom hill near of the Gadikota village and on the Mandavi River bank.	FRL-323 m MDDL- 285.50 m Live Storage- 10.34 MCM	APGENCO & NHPC	2032-33	
5	Pedakota	Andhra Pradesh	Alluri Seetharama Raju	5x300+2x150	1800	Off Stream	Closed	UR are located on the natural depression at Dayatri village and far away from River course..	FRL-668 m MDDL- 618 m Live Storage- 11.875. MCM	LR are located on the natural depression at Sariya village and far away from River course..	FRL-232 m MDDL- 198 m Live Storage- 12.675 MCM	Adani Green	2031-32	
6	Gujjili	Andhra Pradesh	Alluri Sitharama Raju	8 x 300	2400	Off Stream	Closed	UR is to be constructed and is not located on any river course .It is located at Alluri Sitharama Raju District	FRL-950 m MDDL- 930 m Live Storage- 6.34. MCM	LR is to be newly constructed and is not located on any river course	FRL-303 m MDDL- 279 m Live Storage- 6.32 MCM	NECL	2035-36	
7	Chittamvalasa	Andhra Pradesh	Alluri Sitarama Raju	6 x 300	1800	Off Stream	Closed	UR is directly not connected with any river or a major stream and is at artificially constructed Geo-membrane Facing Rockfill Dam (GFRD)	FRL-1212 m MDDL- 1180 m Live Storage- 7.417. MCM	LR is directly not connected with any river or a major stream and is at artificially constructed Geo-membrane Facing Rockfill Dam (GFRD)	FRL-930 m MDDL- 909 m Live Storage- 7.940 MCM	NECL	2035-36	
8	Raiwada	Andhra Pradesh	Anakapalle	2x300+2x150	900	Off Stream	Closed	UR-is proposed to be located on a table top hill across a minor rivulet draining into Sarada river	FRL-563 m MDDL- 530 m Live Storage- 7.52 MCM	LR- proposed to be located across Sarada River	FRL-138m MDDL- 133 m Live Storage- 7.65 MCM	Adani Green	2030-31	

9	Howraghat	Assam	Karbi Anglong	4 x 300 + 2 x 150	1500	Off Stream	Closed	26°10′8.93″N, 93°12′49.17″E	FRL: 472 m MDDL: 447 m Live Storage: 17.55 MCM	26°8′45.12″N, 93°12′8.38″E	FRL: 240 m MDDL: 219 m Live Storage: 17.87 MCM	Adani Green	2034-35	
10	Greenko Assam -01	Assam	West Karbi Anglong	5 x 300	900	Off Stream	Closed	to be constructed newly	FRL: 676 m MDDL: 653 m Live Storage: 6.088 MCM	to be constructed newly	FRL: 301 m MDDL: 278 m Live Storage: 6.088 MCM	Greenko	Jan 2030	
11	Bilaspur	Chhattisgarh	Bilaspur	4x250	1000	Off Stream	Closed		FRL - 741 MDDL 718 - Live storage - 7.94 MCM		FRL - 311 MDDL 289 - Live storage - 7.94 MCM	Jindal Renewables	2030-31	
12	Serula	Gujarat	Tapi	6x160	960	Off Stream	Closed		FRL - 290 MDDL - 269 Live storage - 0.650 TMC		FRL - 146 MDDL - 132 Live storage - 0.65 TMC	GSECL	2032-33	
13	Juni kayaliwel	Gujarat	Tapi	2x150	300	Off Stream	Closed		FRL - 305 MDDL - 280 Live storage - 0.179 TMC		FRL - 145 MDDL - 132 Live storage - 0.183 TMC	GSECL	2033-34	
14	Amalpada	Gujarat	Tapi	2x150	300	Off Stream	Closed		FRL - 257 MDDL - 242 Live storage - 6.86 MCM		FRL - 144 MDDL - 133 Live storage - 6.89 MCM	GSECL	2033-34	
15	Juni Bavli	Gujarat	Tapi	3x150	450	Off Stream	Open	New Construction	FRL - 237 MDDL - 226 Live storage - 8.847 MCM	Existing	FRL - 105 MDDL - 82.29 Live storage - 6868.43 MCM	GSECL	2033-34	
16	Satkashi	Gujarat	Tapi	2x165	330	Off Stream	Closed		FRL - 334 MDDL - 310 Live storage - 0.185 TMC		FRL - 170 MDDL - 155 Live storage - 0.186 TMC	GSECL	2033-34	
17	Ukai	Gujarat	Tapi	4x320 + 2x160	1600	Off Stream	Closed		FRL - 358 MDDL 341 - Live storage 21.36 MCM		FRL - 164 MDDL 145 - Live storage - 22.14 MCM	Greenko	2029-30	
18	Shivni	Madhya Pradesh	Barwani	4 × 300 MW + 1 × 150 MW	1350	Off Stream	Closed	New Construction	FRL-882m MDDL-852m Live Storage-12.02 MCM	New Construction	FRL-596m MDDL-554m Live Storage-13.98MCM	Adani Hydro Energy Fifty-TwO Limited	2031-32	
19	Nayagaon	Maharashtra	Chhatrapati Sambhajinagar	5x334+2x165	2000	Off Stream	Closed		FRL - 710 MDDL - 690 Live storage - 18.71 MCM		FRL - 400 MDDL 376 - Live storage - 18.34 MCM	Greenko	2029-30	
20	Ghosla	Maharashtra	Aurangabad	7 x 250 + 2 x 125	2000	Off Stream	Closed		FRL - 702 MDDL - 678 Live storage - 17.40 MCM		FRL - 395 MDDL - 376 Live storage - 17.72 MCM	Megha Engineering	2031-32	
21	Adnadi	Maharashtra	Amravati	4 x 300 + 2 x 150	1500	Off Stream	Closed	21°23′42.25″N, 77°23′33.87″E	FRL: 951 m MDDL: 895 m Live Storage: 15.108 MCM	21°23′41.32″N, 77°24′53.54″E	FRL: 694 m MDDL: 647 m Live Storage: 16.54 MCM	Adani Green	2035-36	
22	Upper kolab	Odisha	Koraput	4 x 150	600	Off Stream	Open					OHPCL	2033-34	
23	Sukhpura Off-Stream	Rajasthan	Chittorgarh	7x320 + 2x160	2560	Off Stream	Closed		FRL - 605 m MDDL - 586 m Live storage - 33.83 MCM		FRL - 410 m MDDL - 393 m Live storage - 42.06 MCM	Greenko	2032-33	
24	Brahmani	Rajasthan	Chittorgarh	2x200+2x100	600	Off Stream	Closed		FRL - 590 m MDDL - 572 m Live storage - 12.639 MCM		FRL - 446 m MDDL - 429 m Live storage - 12.909 MCM	ACME Urja Two Private Limited	2032-33	
25	Longtarai	Tripura	Dhalai	4 x 200	800	Off Stream	Closed		FRL - 402 MDDL - 374 Live storage - 6.85 MCM		FRL - 115 MDDL - 90 Live storage - 6.91 MCM	NHPC	2034-35	

26	Musakhand	Uttar Pradesh	Chandauli	2x200+2x100	600	Off Stream	Closed		FRL - 247.55 m MDDL - 228 m Live storage - 11.70 MCM		FRL - 114.6 m MDDL - 98.5 m Live storage - 14.30 MCM	ACME Urja Two Private Limited	2032-33	
27	Cherue	Uttar Pradesh	Sonbhadra	3 × 300 MW + 2 × 150 MW	1200	Off Stream	Closed	To be constructed newly 24°32′56.15″N, 83°09′38.16″E	FRL - EL 520m MDDL - EL 500m Live Stroage - 18.92	To be constructed newly 24°34′17.09″N, 83°09′0.56″E	FRL - EL 340m MDDL - EL 324m Live Stroage - 19.94	Adani Green		
	Sub-Total (Off-River)	**27**		**Nos.**	**32600**									
	Sub-Total (PSP Under S&I not in CEA)	**28**		**Nos.**	**33100**	**MW**								
	Total (Under S&I)	**68**		**Nos.**	**96500**	**MW**								
97	**GRAND TOTAL**				**130195.60**									