

PUMPED STORAGE DEVELOPMENT IN INDIA
(Installed Capacity above 25 MW)

As on 28.02.2021

S.No.	SCHEMES	STATE	INSTALLED CAPACITY		REMARKS
			No. of units x Unit size(MW)	MW	
A. SCHEMES CONSTRUCTED					
a) Working in Pumping Mode					
1	Nagarjuna Sagar	Telangana	7x100.80	705.60	
2	Srisailem LBPH	Telangana	6x150	900	
3	Kadamparai	Tamil Nadu	4x100	400	
4	Bhira	Maharashtra	1x150	150	
5	Ghatgar	Maharashtra	2x125	250	
6	Purulia PSS	West Bengal	4x225	900	
			Sub Total	3305.60	
b) Presently not working in Pumping Mode					
1	Kadana St. I&II	Gujarat	2x60+2x60	240	CKD Blanksko (OEM) has submitted the offer for rectification of the problem
2	Panchet Hill (DVC)	Jharkhand	1x40	40	Tail pool dam not constructed. It has been decided not to operate project in pumping mode due to land acquisition issues of Lower Reservoir.
3	Sardar Sarovar	Gujarat	6x200	1200	Both Upper & Lower reservoirs have been completed. Sardar Sarovar Project is an interstate project of Gujarat, MP & Maharashtra. The operation of this project in pumping mode is under discussion with Narmada Control Authority (NCA) and concerned State govts.
			Sub total	1480	
			Grand Total	4785.60	
B. SCHEMES UNDER CONSTRUCTION					
a) Under Active Construction					
1	Tehri St.-II	Uttarakhand	4x250	1000	Likely commissioning by 2022-23 (Dec.'22)
2	Kundah Pump Storage (Stage I,II,III&IV)	Tamil Nadu	4x125	500	Likely commissioning by 2023-24 (Apr. 2023)
			Total	1500	
b) On which Construction is held up					
1	Koyna Left Bank	Maharashtra	2x40	80	Likely commissioning by 2025-26*
			Total	80	
			Grand Total	1580	
C. DPR CONCURRED BY CEA					
1	Turga PSS	West Bengal	4x250	1000	EC & FC obtained. Construction will start shortly.
			Total	1000	

D. SCHEME UNDER EXAMINATION IN CEA					
1	Pinnapuram	Andhra Pradesh	4x240+2x120	1200	Off-River project; Both Reservoirs to be constructed
			Total	1200	
E. SCHEMES UNDER SURVEY & INVESTIGATION					
1	Upper Indravati	Odisha	4x150	600	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 05/2021
2	Upper Kolab	Odisha	2x160	320	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 12/2021
3	Balimela	Odisha	2x250	500	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 06/2021
4	Upper Sileru	Andhra Pradesh	9x150	1350	Both Reservoirs existing; Target date for preparation of DPR -03/2021.
5	Kodayar	Tamil Nadu	4x125	500	Both Reservoirs existing; Target date for preparation of DPR – 12/2021
6	Sillahalla St.-I	Tamil Nadu	4x250	1000	Upper Reservoir & Lower Reservoir to be constructed; Target date for preparation of DPR – 02/2022
7	Sharavathy	Karnataka	8x250	2000	Both Reservoirs existing; Target date for preparation of DPR – 03/2021
8	Saundatti	Karnataka	4x252+2x126	1260	Lower Reservoir existing; Upper Reservoir to be constructed
			Total	7530	

* Subject to re-start of work in immediate future.