

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

As on 31.01.2021

S.No.	SCHEMES	INSTALLED CAPACITY		REMARKS
		No. of units x Unit size(MW)	MW	
A. <u>SCHEMES CONSTRUCTED</u>				
a) Working in Pumping Mode				
1	Nagarjuna Sagar - Telangana	7x100.80	705.60	
2	Kadamparai - T.N.	4x100	400	
3	Bhira - Mah.	1x150	150	
4	Srisailem LBPH - Telangana	6x150	900	
5	Purlia PSS - W.B.	4x225	900	
6	Ghatgar - Mah.	2x125	250	
		Sub Total	3305.60	
b) Presently not working in Pumping Mode				
1	Kadana St. I&II - Guj.	2x60+2x60	240	CKD Blanksko (OEM) has submitted the offer for rectification of the problem
2	Panchet Hill - DVC	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 - Guj.	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. <u>SCHEMES UNDER CONSTRUCTION</u>				
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) - T. N	4x125	500	Likely commissioning by 2023-24 (Apr. 2023)
		Total	1500	
b) On which Construction is held up				
1	Koyna Left Bank - Mah.	2x40	80	Likely commissioning by 2025-26*
		Total	80	
		Grand Total	1580	
C. <u>DPR CONCURRED BY CEA</u>				
1	Turga PSS –W.B.	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	Sharavathy-Karnataka	8x250	2000	Both Reservoirs existing; Target date for preparation of DPR – 03/2021
4	Balimela-Odisha	2x250	500	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 06/2021
5	Kodayar-Tamil Nadu	4x125	500	Both Reservoirs existing; Target date for preparation of DPR – 12/2021
6	Upper Sileru-Andhra Pradesh	9x150	1350	Both Reservoirs existing; Target date for preparation of DPR -02/2021.
7	Sillahalla St.-I -Tamil Nadu	4x250	1000	Upper Reservoir & Lower Reservoir to be constructed; Target date for preparation of DPR – 02/2022
8	Saundatti-Karnataka	4x252+2x126	1260	Lower Reservoir existing; Upper Reservoir to be constructed
		Total	7530	

* Subject to active start of work