

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

As on 31.12.2020

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	Srisaillam LBPH - Telangana	6x150	900	
5	Purlia PSS - W.B.	4x225	900	
6	Ghatgar - Mah.	2x125	250	
		Sub Total	3305.6	
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>				
1	Tehri St.-II - Uttarakhand	4x250	1000	Likely commissioning by 2022-23 (Dec.'22)
2	Koyna Left Bank - Mah.	2x40	80	Likely commissioning by 2025-26*
3	Kundah Pump Storage (Stage I,II,III&IV)- T. N	4 x 125	500	Likely commissioning by 2023-24
		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. <u>SCHEME UNDER EXAMINATION IN CEA</u>				
1	Pinnapuram -Andhra Pradesh		1200	Off-River project; Both Reservoirs to be constructed
		Total	1200	
E. <u>SCHEMES UNDER SURVEY & INVESTIGATION</u>				
1	Upper Indravati-Odisha		600	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 12/2020
2	Upper Kolab- Odisha		320	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 12/2021
3	Sharavathy-Karnataka		2000	Both Reservoirs existing; Target date for preparation of DPR – 12/2020
4	Balimela-Odisha		500	Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 10/2021
5	Kodayar-Tamil Nadu		500	Both Reservoirs existing; Target date for preparation of DPR – 12/2021
6	Upper Sileru-Andhra Pradesh		1350	Both Reservoirs existing; Target date for preparation of DPR -12/2020.
7	Sillahalla St.-I -Tamil Nadu		1000	Upper Reservoir & Lower Reservoir to be constructed; Target date for preparation of DPR – 03/2021
8	Saundatti-Karnataka		1260	Lower Reservoir existing; Upper Reservoir to be constructed
		Total	7530	

* Subject to active start of work