

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

As on 31.07.2020

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	Dam body of tail pool is completed; d/s energy dissipation works are in progress. Tail pool is filled with water at full capacity and tested. All miscellaneous works likely to be completed by Dec.2020.
		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>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	Pinnapuram -Andhra Pradesh		1200	Off-River project; Both Reservoirs to be constructed
7	Upper Sileru-Andhra Pradesh		1350	
8	Sillahalla St.-I -Tamil Nadu		1000	Upper Reservoir & Lower Reservoir to be constructed; Target date for preparation of DPR – 03/2021
9	Saundatti-Karnataka		1260	Lower Reservoir existing; Upper Reservoir to be constructed
		Total	8730	

* Subject to active start of work