

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

As on 30.09.2019

| 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    | Tail pool dam under construction. Likely to be completed by Dec'19.                                                                          |
|                                                    |                                              | Sub total                    | 1480    |                                                                                                                                              |
|                                                    |                                              | Grand Total                  | 4785.60 |                                                                                                                                              |
| B. <u>SCHEMES UNDER CONSTRUCTION</u>               |                                              |                              |         |                                                                                                                                              |
| 1                                                  | Tehri St.-II - Uttarakhand                   | 4x250                        | 1000    | Likely commissioning by 2021-23 (June'22)                                                                                                    |
| 2                                                  | Koyna Left Bank - Mah.#                      | 2x40                         | 80      | Likely commissioning by 2022-23                                                                                                              |
| 3                                                  | Kundah Pump Storage (Stage I,II,II&IV)- T. N | 4 x 125                      | 500     | Likely commissioning by 2022-23                                                                                                              |
|                                                    |                                              | 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 &amp; INVESTIGATION</u> |                                              |                              |         |                                                                                                                                              |
| 1                                                  | Upper Indravati-Odisha                       |                              | 600     | Upper Reservoir existing; Lower Reservoir to be constructed                                                                                  |
| 2                                                  | Upper Kolab- Odisha                          |                              | 320     |                                                                                                                                              |
| 3                                                  | Sharavathy-Karnataka                         |                              | 2000    | Both Reservoirs existing; Target date for preparation of DPR – 12/19                                                                         |

|   |                              |              |             |                                                                                                         |
|---|------------------------------|--------------|-------------|---------------------------------------------------------------------------------------------------------|
| 4 | Balimela-Odisha              |              | 400         | Upper Reservoir existing; Lower Reservoir to be constructed                                             |
| 5 | Kodayar-Tamil Nadu           |              | 500         | Both Reservoirs existing; Target date for preparation of DPR – 2020-2022                                |
| 6 | Pinnapuram -Andhra Pradesh   |              | 1200        | Off-River project; Both Reservoirs to be constructed                                                    |
| 7 | Sillahalla St.-I -Tamil Nadu |              | 1000        | Upper Reservoir existing; Lower Reservoir to be constructed; Target date for preparation of DPR – 09/20 |
|   |                              | <b>Total</b> | <b>6020</b> |                                                                                                         |

#Subject to active start of work