

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

**As on 31.10.2018**

| S.No.                                              | SCHEMES                           | INSTALLED CAPACITY           |         | PUMPING MODE | REMARKS                                                                                                                                      |
|----------------------------------------------------|-----------------------------------|------------------------------|---------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    |                                   | No. of units x Unit size(MW) | MW      |              |                                                                                                                                              |
| A. <u>SCHEMES IN OPERATION</u>                     |                                   |                              |         |              |                                                                                                                                              |
| 1                                                  | Kadana St. I&II - Guj.            | 2x60+2x60                    | 240     | Not working  | CKD Blanksko(OEM) has submitted the offer for rectification of the problem                                                                   |
| 2                                                  | Nagarjuna Sagar - Telangana       | 7x100.80                     | 705.60  | working      |                                                                                                                                              |
| 3                                                  | Kadamparai - T.N.                 | 4x100                        | 400     | Working      |                                                                                                                                              |
| 4                                                  | Panchet Hill - DVC                | 1x40                         | 40      | Not working  | Tail pool dam not constructed. It has been decided not to operate project in pumping mode due to land acquisition issues of Lower Reservoir. |
| 5                                                  | Bhira - Mah.                      | 1x150                        | 150     | Working      |                                                                                                                                              |
| 6                                                  | Srisailem LBPH - Telangana        | 6x150                        | 900     | Working      |                                                                                                                                              |
| 7                                                  | Sardar Sarovar - Guj.             | 6x200                        | 1200    | Not working  | Tail pool dam under construction. Likely to be completed by Oct'2018.                                                                        |
| 8                                                  | Purlia PSS - W.B.                 | 4x225                        | 900     | Working      |                                                                                                                                              |
| 9                                                  | Ghatgar - Mah.                    | 2x125                        | 250     | Working      |                                                                                                                                              |
|                                                    |                                   | Total                        | 4785.60 |              |                                                                                                                                              |
| B. <u>SCHEMES UNDER CONSTRUCTION</u>               |                                   |                              |         |              |                                                                                                                                              |
| 1                                                  | Tehri St.-II - Uttarakhand        | 4x250                        | 1000    |              | Likely commissioning by 2020-21                                                                                                              |
| 2                                                  | Koyna Left Bank - Mah.            | 2x40                         | 80      |              | Likely commissioning by 2019-20#                                                                                                             |
| 3                                                  | Kundah Pump Storage Phase I- T. N | 1 x 125                      | 125     |              | Likely commissioning by 2022-23                                                                                                              |
|                                                    |                                   | Total                        | 1205    |              |                                                                                                                                              |
| 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     |              |                                                                                                                                              |
| 2                                                  | Upper Kolab-Odisha                |                              | 320     |              |                                                                                                                                              |
| 3                                                  | Sharavathy-Karnataka              |                              | 2000    |              |                                                                                                                                              |
|                                                    |                                   | Total                        | 2920    |              |                                                                                                                                              |

#Subject to active start of work