

<b>STATUS OF PUMPED STORAGE DEVELOPMENT IN INDIA</b>						
	<b>ON RIVER</b>		<b>OFF RIVER</b>		<b>TOTAL</b>	
<b>Region/ State</b>	<b>No of projects</b>	<b>Installed capacity (MW)</b>	<b>No of projects</b>	<b>Installed capacity (MW)</b>	<b>No of projects</b>	<b>Installed capacity (MW)</b>
In Operation	8	4745.60			8	4745.60
Under Construction	4	4850	1	1200	5	6050.00
DPR concurred by CEA	2	2500	3	3520	5	6020.00
Under Examination	-	-	-	-	-	-
Under S&I	1	640	45	59870	46	60510.00
<b>Grand Total</b>	<b>15</b>	<b>12735.60</b>	<b>49</b>	<b>64590</b>	<b>64</b>	<b>77325.6</b>

**STATUS OF ON-RIVER PUMPED STORAGE DEVELOPMENT IN INDIA**  
(Installed Capacity above 25 MW)

S.No.	SCHEMES	STATE	INSTALLED CAPACITY		REMARKS
			No. of units x Unit size(MW)	MW	
<b>A. SCHEMES CONSTRUCTED</b>					
<b>a) Working in Pumping Mode</b>					
1	Nagarjuna Sagar	Telangana	7x100.80	705.60	
2	Srisailem LBPH	Telangana	6x150	900	
3	Kadamparai	Tamil Nadu	4x100	400	
4	Bhira	Maharashtra	1x150	150	
5	Ghatgar	Maharashtra	2x125	250	
6	Purulia	West Bengal	4x225	900	
			<b>Sub Total</b>	<b>3305.60</b>	
<b>b) Presently not working in Pumping Mode</b>					
<b>b) Presently not working in Pumping Mode</b>					
1	Kadana	Gujarat	4x60	240	
2	Sardar Sarovar Project	Gujarat	6x200	1200	
			<b>Sub total</b>	<b>1440</b>	
8			<b>Grand Total</b>	<b>4745.60</b>	
<b>B. SCHEMES UNDER CONSTRUCTION</b>					
<b>a) Under Active Construction</b>					
1	Tehri St.-II	Uttarakhand	4x250	1000	Likely commissioning by 2025-26 (Aug.'25)
2	Kundah (Stage I,II&III)	Tamil Nadu	4x125	500	Likely commissioning by 2025-26 (Dec 2025)
3	Upper Sileru	Andhra Pradesh	9 x 150	1350	Likely commissioning by 2028-29 (Feb 2029)
4	Sharavathy	Karnataka	8 x 250	2000	Likely commissioning by Dec'29
			<b>Total</b>	<b>4850</b>	
4			<b>Grand Total</b>	<b>4850</b>	
<b>C. DPR CONCURRED BY CEA</b>					
1	Turga	West Bengal	4x250	1000	Date of Concurrence- 05.10.16
2	Bhawali	Maharashtra	5x250 + 2 x 125	1500	Date of Concurrence-24.09.24
2			<b>Total</b>	<b>2500</b>	
<b>D. SCHEMES UNDER SURVEY &amp; INVESTIGATION</b>					
1	Indira Sagar	Madhya pradesh	6x80+1x45	640	•Upper reservoir-ISP reservoir , LR- Omkareshwar reservoir •Agency-NHDC •Target date of DPR preparation-06/24 •Date of MOA-07.06.2023
1		<b>Total</b>		<b>640</b>	
15	<b>GRAND TOTAL (On-river)</b>			<b>12735.60</b>	

**STATUS OF OFF-RIVER PUMPED STORAGE DEVELOPMENT IN INDIA**  
(Installed Capacity above 25 MW)

S.No.	SCHEMES	STATE	INSTALLED CAPACITY		REMARKS
			No. of units x Unit size(MW)	MW	
<b>A. SCHEMES UNDER CONSTRUCTION</b>					
1	Pinnapuram	Andhra Pradesh	4x240+2x120	1200	Likely commsiioning by 2025-26 (July 25)
<b>1</b>	<b>TOTAL</b>			<b>1200</b>	
<b>B. . DPR CONCURRED BY CEA</b>					
1	Upper Indravati	Odisha	4x150	600	Date of Concurrence-19.08.24
2	Bhivpuri	Maharashtra		1000	Date of Concurrence-30.09.2024
3	MP30 Gandhisagar	Madhya Pradesh	7x240 +2x120	1920	Date of Concurrence-27.11.24
<b>3</b>	<b>TOTAL</b>			<b>3520</b>	
<b>C. SCHEMES UNDER SURVEY &amp; INVESTIGATION</b>					
1	Narihalla	Karnataka	2x150	300	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed on minor rivulet draining into Narihalla Reservoir and Lower Reservoir- Narihalla Reservoir existing on Narihalla River</li> <li>• target date of DPR preparation- 06/25</li> <li>• Agency- JSW Energy</li> <li>•Date of MOA-28.11.2022</li> </ul>
2	Saundatti	Karnataka	320X4+160x2	1600	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed Off Stream and Lower Reservoir is on RenukaSagar which is existing on Malaprabha river</li> <li>•Target date for preparation of DPR – 02/25</li> <li>•Agency-Greenko</li> <li>•Date of MOA-12.03.18. Revised approval on 27.02.19</li> </ul>
3	Gandikota	Andhra Pradesh	7x240+2x120	1000	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed Off Stream and Lower Reservoir is exisiting on Gandikota reservoir which is on Penna river</li> <li>•Target date of Preparation of DPR- 02/25</li> <li>•Agency- Adani green energy</li> <li>•Date of MOA-29.06.2022</li> </ul>
4	OWK	Andhra Pradesh	4x200	800	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed Off Stream and Lower Reservoir is existing on Owk reservoir which is on Penna river</li> <li>•Target date of Preparation of DPR-04/25</li> <li>•Agency- Aurobindo Realty &amp; Infrastructure Pvt. Ltd.</li> <li>•Date of MOA-12.09.2022</li> </ul>
5	Chitravathi	Andhra Pradesh	2x250	500	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed Off Stream and Lower Reservoir is existing on Chitravathi reservoir</li> <li>•Target date of Preparation of DPR- 01/25</li> <li>•Agency-Adani Green Energy Ltd</li> <li>•Date of MOA-29.06.2022</li> </ul>
6	Tarali	Maharashtra	5x300	1500	<ul style="list-style-type: none"> <li>•Upper Reservoir is proposed Offstream and Lower Reservoir is existing Tarali reservoir</li> <li>•Target date of DPR preparation- 03/25</li> <li>•Agency-Adani Green Energy Ltd.</li> <li>•Date of MOA-28.06.2022</li> </ul>
7	Shirwata	Maharashtra	5x300 +2x150	1800	<ul style="list-style-type: none"> <li>•Upper Reservoir is off stream and Lower Reservoir is existing Shirawata reservoir</li> <li>•Agency-TATA power</li> <li>•Target date of preparation of DPR- 02/25</li> <li>•Date of MOA-08.08.2023</li> </ul>
8	Somasila	Andhra Pradesh	4x225	900	<ul style="list-style-type: none"> <li>•Both Upper &amp; Lower Reservoirs are proposed off stream</li> <li>• Target date of Preparation of DPR- 04/25</li> <li>•Agency- Shirdi Sai Electricals Ltd.</li> <li>•Date of MOA-19.01.2023</li> </ul>
9	Paidipalem East	Andhra Pradesh	6x200	1200	<ul style="list-style-type: none"> <li>•UR- new proposed Off Stream , LR - new proposed draws water Paidipalem Balancing reservoir</li> <li>•Date of DPR preparation-04/25</li> <li>•Agency-Indosol Solar Power Pvt. Ltd.</li> <li>•Date of MOA-12.09.2022</li> </ul>
10	Singanamala	Andhra Pradesh	4x200	800	<ul style="list-style-type: none"> <li>•UR- Off Stream, LR- Off Stream.</li> <li>•Date of DPR preparation-04/25</li> <li>•Agency- Aurobindo Realty &amp; Infrastructure Pvt. Ltd.</li> <li>•Date of MOA-12.09.2022</li> </ul>
11	Sukhpura Off-Stream	Rajasthan	7x320 + 2x160	2560	<ul style="list-style-type: none"> <li>•UR &amp;LR-Off stream, Both Upper Reservoir &amp; Lower Reservoirs are to be constructed..</li> <li>•Target date for preparation of DPR – 02/25</li> <li>•Agency- Greenco</li> <li>•Date of MOA-24.01.2023</li> </ul>

S.No.	SCHEMES	STATE	INSTALLED CAPACITY		REMARKS
			No. of units x Unit size(MW)	MW	
12	Paidipalem North	Andhra Pradesh	5 x 200	1000	<ul style="list-style-type: none"> <li>•UR- new proposed Off Stream , LR - new proposed draws water Paidipalem Balancing reservoir</li> <li>•Date of DPR preparation- 04/25</li> <li>•Agency-Indosol Solar Power Pvt. Ltd.</li> <li>•Date of MOA-12.09.2022</li> </ul>
13	Shahpur	Rajasthan	5x300 +2x150	1800	<ul style="list-style-type: none"> <li>•Offstream closed loop, UR &amp;LR -off stream</li> <li>•Target date of preparation of DPR- 02/25</li> <li>•Agency-Greenko</li> <li>•Date of MOA-18.12.2021</li> </ul>
14	Sirohi	Rajasthan	3x400	1200	<ul style="list-style-type: none"> <li>• UR off stream, LR located across a minor rivulet draining into Sili Nallah, a tributary of Sipu river in West Banas river basin</li> <li>•Target date of preparation of DPR- 04/25</li> <li>• Agency- JSW Energy</li> <li>•Date of MOA-24.01.2022 (acknowledgment letter to LOI)</li> </ul>
15	Pane	Maharashtra	5x250+2x150	1500	<ul style="list-style-type: none"> <li>•UR-Offstream LR-connected to a small stream which joins the downstream Kal river</li> <li>•Target date of preparation of DPR- 07/24</li> <li>•Agency- JSW Energy</li> <li>•Date of MOA-29.09.2022</li> </ul>
16	Veeraballi Off-stream	Andhra Pradesh	5x300+2x150	1800	<ul style="list-style-type: none"> <li>•UR &amp; LR- both off stream</li> <li>• Target date of preparation of DPR- 04/25</li> <li>• Agency-Astha Green Energy Ventures India PVT. LTD.</li> <li>•Date of MOA-12.09.2022</li> </ul>
17	vempalli	Andhra Pradesh	6x250	1500	<ul style="list-style-type: none"> <li>• UR &amp; LR- both off stream</li> <li>• Target date of preparation of DPR-04/25</li> <li>• Agency-JSW Energy</li> <li>•Date of MOA-25.01.2022</li> </ul>
18	Kandhaura	Uttar Pradesh	5x280+2x140	1680	<ul style="list-style-type: none"> <li>• UR &amp; LR- both off stream</li> <li>• Target date of preparation of DPR- 04/25</li> <li>• Agency-JSW Energy</li> <li>•Date of MOA-25.11.2022</li> </ul>
19	UP01	Uttar Pradesh	11x305+2x152.5	3660	<ul style="list-style-type: none"> <li>• UR &amp; LR- both off stream</li> <li>• Target date of preparation of DPR- 12/25</li> <li>• Agency-Greenko</li> <li>•Date of MOA-01.02.2023</li> </ul>
20	Musakhand	Uttar Pradesh	2x200+2x100	600	<ul style="list-style-type: none"> <li>• UR &amp; LR- both off stream</li> <li>•Agency- ACME Urja Two Private Limited</li> <li>•Target date of DPR preparation-04/25</li> <li>•Date of MOA-'03.04.2023</li> </ul>
21	Raiwada	Andhra Pradesh	2x300+2x150	900	<ul style="list-style-type: none"> <li>• UR on a tabletop hill across a minor rivulet draining into a nallah &amp; LR-across Sarada river</li> <li>• Target date of preparation of DPR- 04/25</li> <li>• Agency-Adani Green Energy Ltd.</li> <li>•Date of MOA-23.05.2022</li> </ul>
22	Malshej Ghat Bhorande	Maharashtra	6 x 250	1500	<ul style="list-style-type: none"> <li>• UR on Minor nallah draining into Kukadi river &amp; LR-on Minor nallah draining Into Kalu river</li> <li>• Target date of preparation of DPR- 03/25</li> <li>• Agency-Adani Green Energy Ltd.</li> <li>•Date of MoA- 28.06.2022</li> </ul>
23	Kamalapadu	Andhra Pradesh	3x238 +2x118	950	<ul style="list-style-type: none"> <li>• UR &amp; LR- both off stream</li> <li>• Agency-APGENCO</li> <li>• Target date of preparation of DPR-04/25</li> <li>•Date of MOA-23.08.2023</li> </ul>
24	Warasgaon warangi	Maharashtra	5x300	1500	<ul style="list-style-type: none"> <li>•UR- proposed on minor nallah draining into Ambi river , LR- proposed on on minor nallah draining into Kal river</li> <li>•Agency-Adani Green</li> <li>•Date of MOA-28.06.2022</li> <li>•Target date of DPR Preparation-03/25</li> </ul>
25	Koyna Nivakane	Maharashtra	8x 300 + 2x150	2700	<ul style="list-style-type: none"> <li>•UR &amp;LR-minor rivulet draining into Kera River/ Koyna river</li> <li>• Agency- Adani Green</li> <li>• Target date of DPR Preparation-06/25</li> </ul>
26	Rayavaram	Andhra Pradesh	5x250+2x125	1500	<ul style="list-style-type: none"> <li>•UR &amp; LR- on minor stream</li> <li>• Agency-NREDCAP</li> <li>• Target date of DPR preparation-06/25</li> </ul>
27	Gadikota	Andhra Pradesh	4x240+2x120	1200	<ul style="list-style-type: none"> <li>•UR &amp; LR- off stream</li> <li>• Agency-APGENCO</li> <li>• Target date of DPR preparation-06/25</li> </ul>
28	Nayagaon	Maharashtra	5x334+2x165	2000	<ul style="list-style-type: none"> <li>•UR- Off Stream , LR- Minor Nallah Draining into Hivra river</li> <li>•Agency-Greenko</li> <li>•Date of MOA-16.01.2023</li> <li>•Target date of DPR Preparation-06/25</li> </ul>

S.No.	SCHEMES	STATE	INSTALLED CAPACITY		REMARKS
			No. of units x Unit size(MW)	MW	
29	Shoma	Uttar Pradesh	7x300+2x150	2400	<ul style="list-style-type: none"> <li>•UR- Off Stream , LR- Off Stream</li> <li>•Agency-Torrent Power</li> <li>•Date of MOA-20.01.2023</li> <li>•Target date of DPR Preparation-06/25</li> </ul>
30	Pedakota	Andhra Pradesh	5x300+2x150	1800	<ul style="list-style-type: none"> <li>•UR &amp; LR- on minor stream draining into the Sarada River</li> <li>•Agency-Adani Green</li> <li>•Date of MOA-23.05.2022</li> <li>•Target date of DPR Preparation-06/25</li> </ul>
31	Jhariya	Uttar Pradesh		1620	<ul style="list-style-type: none"> <li>• UR &amp;LR-off Stream</li> <li>•Agency- Jhariya Anant Urja</li> <li>•Date of MoA- 19.08.2023</li> <li>•Target date of DPR Preparation-08/25</li> </ul>
32	Chichlik	Uttar Pradesh		1560	<ul style="list-style-type: none"> <li>• UR &amp;LR-off Stream</li> <li>•Agency- Avaada</li> <li>•Date of MoA- 03.04.2024</li> <li>•Target date of DPR Preparation- 08/25</li> </ul>
33	Karjat (Saidongar - 1)	Maharashtra		3000	<ul style="list-style-type: none"> <li>• UR- off Stream , LR- Initial filling by rainfall yield of self-catchment of the lower reservoir only</li> <li>•Agency- Torrent Power</li> <li>•Date of MoA-06.06.2023</li> <li>•Target date of DPR Preparation-08/25</li> </ul>
34	Hasdeo bango	Chhattisgarh		800	<ul style="list-style-type: none"> <li>• UR- off Stream , LR- Existing Hasdeo Bango Reservoir on Hasdeo River</li> <li>•Agency- CSPGCL</li> <li>•Date of MoA- 06.10.2023</li> <li>•Target date of DPR Preparation-08/25</li> </ul>
35	Bilaspur	Chhattisgarh		1000	<ul style="list-style-type: none"> <li>• UR &amp;LR-off Stream</li> <li>•Agency-Jindal renewables</li> <li>•Date of MoA- 08.09.2023</li> <li>•Target date of DPR Preparation-08/25</li> </ul>
36	Maval (Saidongar - 2)	Maharashtra		1200	<ul style="list-style-type: none"> <li>• UR- off Stream &amp; LR- Initial filling by rainfall yield of self-catchment of the lower reservoir only</li> <li>•Agency-Torrent Power</li> <li>•Date of MoA- 06.06.2023</li> <li>•Target date of DPR Preparation-08/25</li> </ul>
37	Serula	Gujarat		960	<ul style="list-style-type: none"> <li>• UR &amp;LR-off Stream</li> <li>•Agency-GSECL</li> <li>•Target date of DPR Preparation-09/25</li> </ul>
38	Brahmani	Rajasthan		600	<ul style="list-style-type: none"> <li>• UR &amp; LR- off stream</li> <li>• Agency-Acme Urja Two Pvt Ltd</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
39	Panaura	Uttar Pradesh		1500	<ul style="list-style-type: none"> <li>• UR &amp; LR- off stream</li> <li>• Agency-Adani Green</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
40	Balimela	Odisha		500	<ul style="list-style-type: none"> <li>• UR- balimela existing reservoir &amp; LR- to be constructed on Kharika johra Stream</li> <li>• Agency-OHPCL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
41	Juni kayaliwel	Gujarat		300	<ul style="list-style-type: none"> <li>• UR &amp; LR- off stream</li> <li>• Agency-GSECL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
42	Amalpada	Gujarat		300	<ul style="list-style-type: none"> <li>• UR &amp; LR- off stream</li> <li>• Agency-GSECL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
43	Juni Bavli	Gujarat		450	<ul style="list-style-type: none"> <li>• UR - off stream &amp; LR- existing ukai reservoir</li> <li>• Agency-GSECL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
44	Satkashi	Gujarat		330	<ul style="list-style-type: none"> <li>• UR &amp; LR- off stream</li> <li>• Agency-GSECL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
45	Ukai	Gujarat		1600	<ul style="list-style-type: none"> <li>• UR- off stream &amp; LR- off stream</li> <li>• Agency-GSECL</li> <li>• Target date of DPR Preparation-09/25</li> </ul>
45	<b>Total</b>			<b>59870</b>	
<b>49</b>	<b>GRAND TOTAL(Off-River)</b>			<b>64590</b>	