



# INVESTOR PRESENTATION

## FINANCIAL YEAR 24-25 : March 2025



# Presentation Outline

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NHPC Today

Financial Highlights

Financial Ratios

Projects at a Glance & New Initiatives

Projects under Operation





Subansiri Lower Project

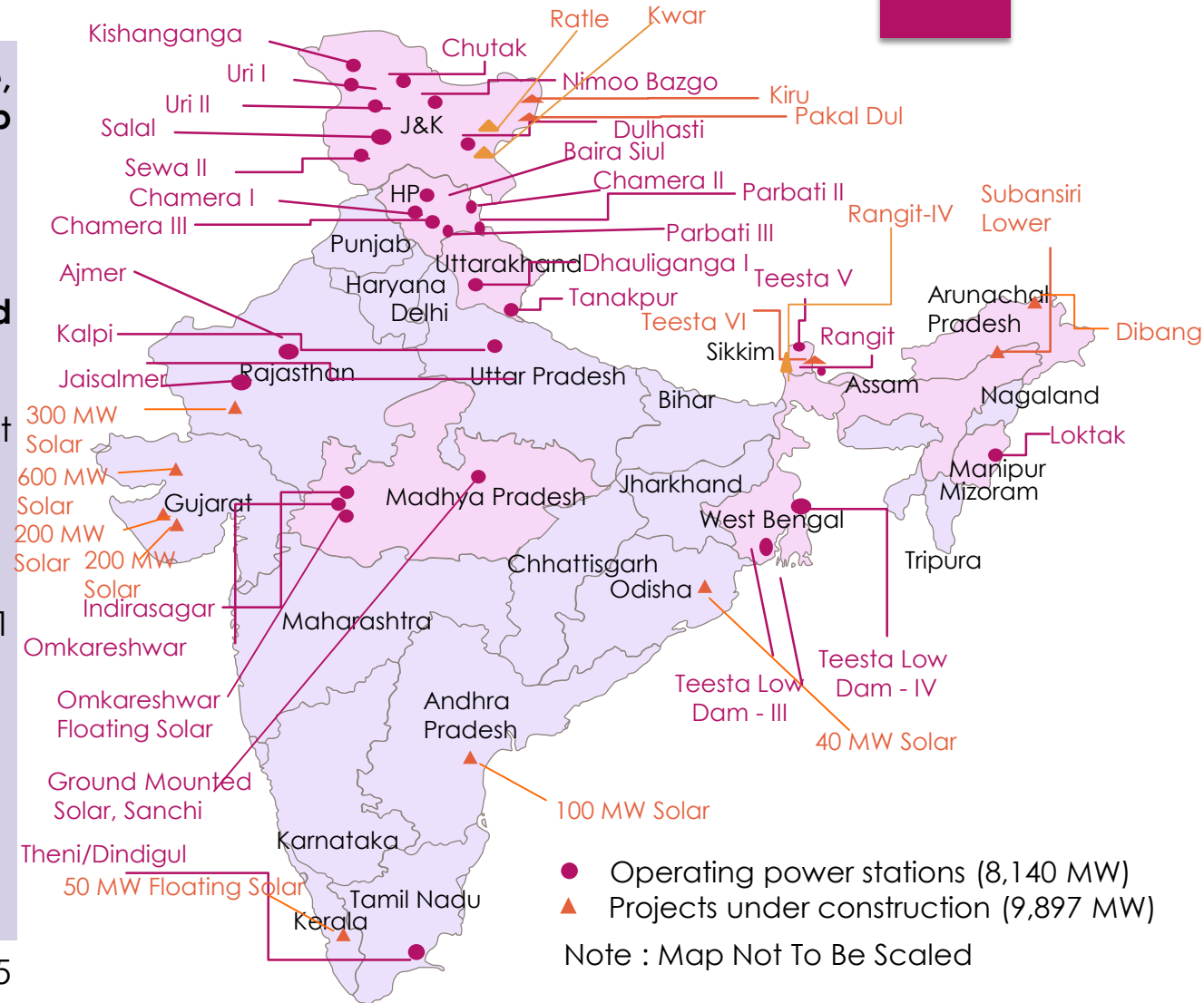


Teesta V, Sikkim

**NHPC-Energising India With Hydropower**

- **Incorporated in 1975 with authorised capital of ₹ 200 crore, the present authorised capital is ₹ 17500 crore (Paid Up Capital ₹ 10,045 crore)**
- **Navratna PSU (since Aug-24)**
- **Established track record, strong operational performance and in-house engineering capabilities**
  - Involved across the entire chain of hydro power project development – from concept to commissioning.
  - Presence across 15 states & 2 UTs.
  - 16% share of installed hydro-electric capacity in India (7,771 MW out of 47,928 MW\*).
  - Consultancy business.
  - Power trading business.
  - Exposure to international business opportunities.

\* Source-CEA as on 30.04.2025



Note : Map Not To Be Scaled

# CONSOLIDATED PHYSICAL SNAPSHOT

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## Installed Capacity

### ❖ Power Stations under Operation:

- Hydro – 23 Nos. (7771 MW)
- Solar & Wind – 7 Nos. (369 MW)
- Total – 30 Nos. (8140 MW)

## Under Construction

### ❖ Projects Under Construction

- Hydro – 8 Nos. (8514 MW)
- Solar – 7 Nos. (1383 MW)
- Total – 15 Nos. (9897 MW)

## Awaiting Clearances

### ❖ Projects Awaiting Clearances & Approval : -

- Hydro – 5 Nos. (3936 MW)
- Solar – 3 Nos. (145 MW)
- Total – 8 Nos. (4081 MW)

## Under Survey & Investigation

- Projects under Survey & Investigation -  
Hydro – 6 Nos. (5475 MW)
- Pump Storage – 18 Nos. (19060 MW)
- Total – 24 Nos. (24535 MW)

Hydro Power is 10% (47928 MW) of All India Installed Capacity (472468 MW\*) .

NHPC Contribution is 16% of Installed Hydro Power On Consolidated Basis.

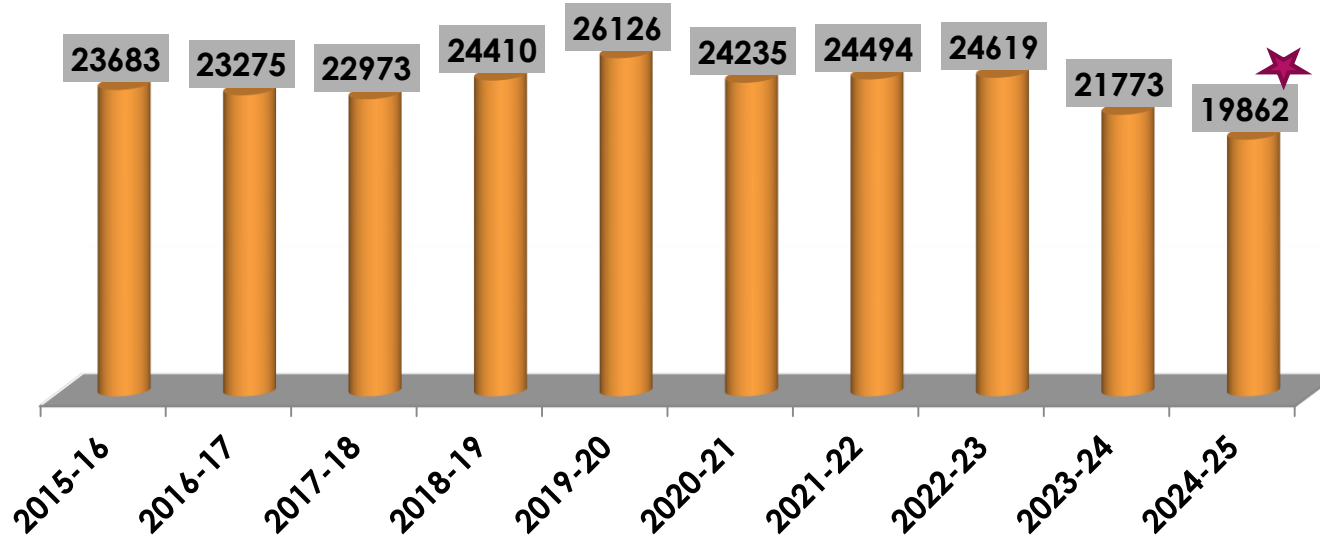
Status	Capacity (MW)
Operational Projects	8,140
Projects Under Construction	9,897
Projects Under Clearance	4,081
Projects Under Survey & Investigation	24,535
<b>Total</b>	<b>46,653</b>

\*Source-CEA as on 30.04.2025



# NHPC 's Track Record – A Ten Year Digest

## Standalone Generation (in M.U.)



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**Actual FY'25**

**Actual FY'24**

• Country Generation  
1830 BU

• Country Generation  
1739 BU

• Share of Hydro Power  
149 BU (8%)

• Share of Hydro Power  
134 BU (8%)

• Share of NHPC (Hydro) Standalone  
19720 MU (13%)

• Share of NHPC (Hydro)- Standalone  
21608 MU (16%)

★ Hydro: 19720 MU(excl. infirm power of 16 MUs : Parbati II), Wind: 56 MU & Solar: 86 MU.

# Financial Highlights



Clean Power For Every Home

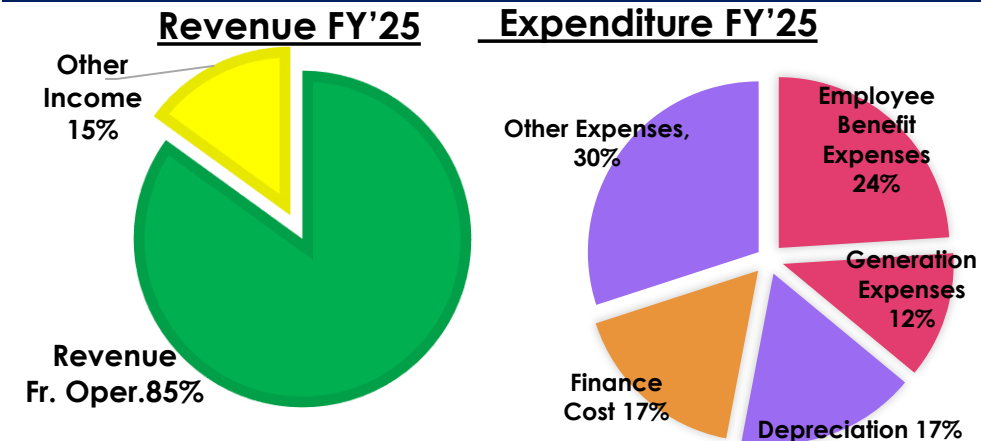
# Financial Highlights : Standalone

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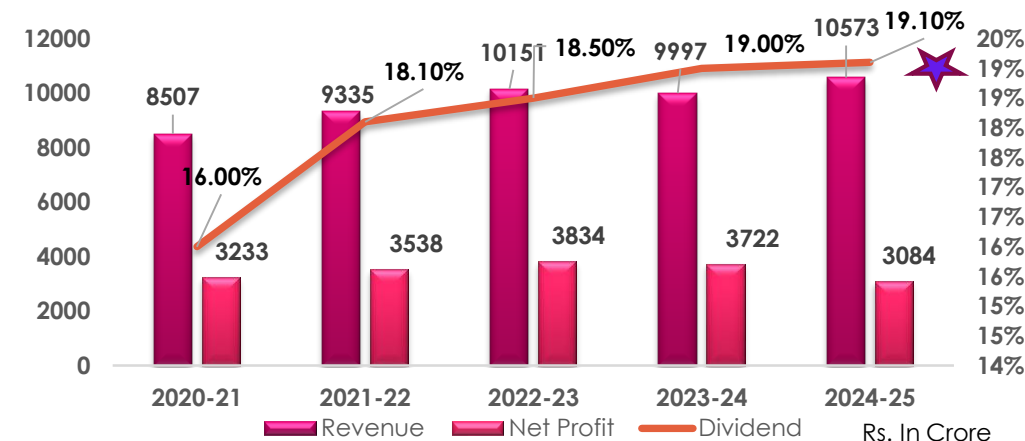
₹ In Crore

Particulars	FY'25		FY'24		% Change	
	12 Months	Qtr-4	12 Months	Qtr-4	12 Months	Qtr-4
Revenue from Operation	8994.26	2058.54	8396.49	1649.09	7.12%	24.83%
Other Income	1579.15	396.81	1600.16	588.01	-1.31%	-32.52%
<b>Total Income (A)</b>	<b>10573.41</b>	<b>2455.35</b>	<b>9996.65</b>	<b>2237.10</b>	<b>5.77%</b>	<b>9.76%</b>
Generation Expenses	795.84	97.47	814.27	-246.95	-2.26%	-139.47%
Employee Benefits Expense	1643.86	366.99	1290.04	367.69	27.43%	-0.19%
Finance Cost	1147.00	-30.38	726.06	348.84	57.98%	-108.71%
Depre. & Amort. Expense	1125.06	293.10	1111.00	280.19	1.27%	4.61%
Other Expenses	2002.69	677.62	2015.22	533.96	-0.62%	26.90%
<b>Total Expenditure(B)</b>	<b>6714.45</b>	<b>1404.80</b>	<b>5956.59</b>	<b>1283.73</b>	<b>12.72%</b>	<b>9.43%</b>
<b>PBT(Before RRA)(C=A-B)</b>	<b>3858.96</b>	<b>1050.55</b>	<b>4040.06</b>	<b>953.37</b>	<b>-4.48%</b>	<b>10.19%</b>
Rate Regu. Income (D)	141.09	26.22	233.28	163.78	-39.52%	-83.99%
<b>PBT (After RRA) (E=C+D)</b>	<b>4000.05</b>	<b>1076.77</b>	<b>4273.34</b>	<b>1117.15</b>	<b>-6.40%</b>	<b>-3.61%</b>
Tax (F)	916.07	182.85	551.54	423.80	66.09%	-56.85%
<b>Profit After Tax (G=E-F)</b>	<b>3083.98</b>	<b>893.92</b>	<b>3721.80</b>	<b>693.35</b>	<b>-17.14%</b>	<b>28.93%</b>

## Revenue & Expenditure-Analysis



## Revenue Vs. Net Profit Vs. Dividend



★ Interim Dividend – 14.00% & Final Dividend – 5.10%



# Statement of Assets & Liabilities

₹ In Crore

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Equity and Liabilities	FY'25	FY'24
Share Holder's Funds	38,348.48	37275.95
Long Term Borrowings	32,260.47	27923.22
Long Term Lease Liabilities	17.13	19.35
Deferred Tax Liabilities	1,861.69	1668.45
Other Long term Liabilities & Provisions	4950.67	4502.19
Current Liabilities & Provisions	8759.47	7323.30
Regulatory Deferral Account Credit Balances	923.20	923.20
<b>Total Equity &amp; Liabilities</b>	<b>87121.11</b>	<b>79635.66</b>
<b>Assets</b>		
PPE (incl. investment property)	16557.51	16614.16
Capital Work in Progress (including Intangible Asset under Development)	40036.51	33042.60
Right of Use Assets & Intangible Asset	2727.68	2633.80
Non Current Financial Asset	11717.54	10409.37
Non Current Assets (Others)	1049.38	2827.95
Regulatory Asset	6,794.49	6653.40
Trade Receivables	4,411.09	3975.67
Cash and Bank Balances	812.15	1150.36
Current Assets (Others)	3014.76	2328.35
<b>Total Assets</b>	<b>87121.11</b>	<b>79635.66</b>

# Debtors Position

₹ In Crore

## Total Debtors

S. N.	Particulars	As on 31.03.2025	As on 31.12.2024	As on 30.09.2024	As on 30.06.2024	As on 31.03.2024
1	Trade Receivables	4412 (including unbilled debtors of ₹ 3677 Crs.)	4009 (including unbilled debtors of ₹ 2768 Crs.)	4266 (including unbilled debtors of ₹ 2812 Crs.)	4646 (including unbilled debtors of ₹ 2889 Crs.)	3978 (including unbilled debtors of ₹ 2263 Crs.)
2	More than 45 days*	220	426	499	512	277

## Top Five Debtors\*

Name	31.03.2025		31.03.2024	
	Total	More than 45 days	Total	More than 45 days
J&K	1010	98	1730	69
Uttar Pradesh	813	12	194	0
Rajasthan	457	52	358	124
Punjab	444	0	311	1
Haryana	314	0	206	2

\* Net of Provision

# Incentives Position

## Comparative Incentive YoY (₹ in Crs.)

Sl.	Particulars	FY24-25					FY23-24				
		Q-1	Q-2	Q-3	Q-4	Total	Q-1	Q-2	Q-3	Q-4	Total
1	Secondary Energy	0.00	3.33	39.15	80.52	123.00	0.00	5.64	16.24	80.38	102.26
2	PAF Incentives	0.00	0.00	19.99	206.79	226.78	0.00	0.00	64.51	251.51	316.02
3	Deviation Chrgs.	11.60	12.84	5.60	4.95	34.99	11.52	9.59	13.27	6.73	41.11
<b>G. Total</b>		<b>11.60</b>	<b>16.17</b>	<b>64.74</b>	<b>292.26</b>	<b>384.77</b>	<b>11.52</b>	<b>15.23</b>	<b>94.02</b>	<b>338.62</b>	<b>459.39</b>
<b>4</b>	<b>PAF</b>	<b>80.46%</b>	<b>84.87%</b>	<b>71.48%</b>	<b>58.59%</b>	<b>73.94%</b>	<b>94.13%</b>	<b>89.78%</b>	<b>71.73%</b>	<b>54.65%</b>	<b>77.60%</b>

## Supplements

Power Station With Highest PAF: Loktak (PAF : 97.73%, NAPA F : 88)

Power Station with highest Deviation Charges: Uri-II (₹ 8 Cr.)

Power Station Giving Best Generation : Loktak (157% of the annual design energy)

## Supplements

Power Station with Highest PBT- Dulhasti (₹ 773 Cr.)

NHPC Profit per MW: ₹ 56 lakhs (FY'25), ₹ 67 lakhs (FY'24)

NHPC Profit per Employee: ₹ 67 lakhs (FY'25), ₹ 76 lakhs (FY'24)



# Key Financials : FY'25

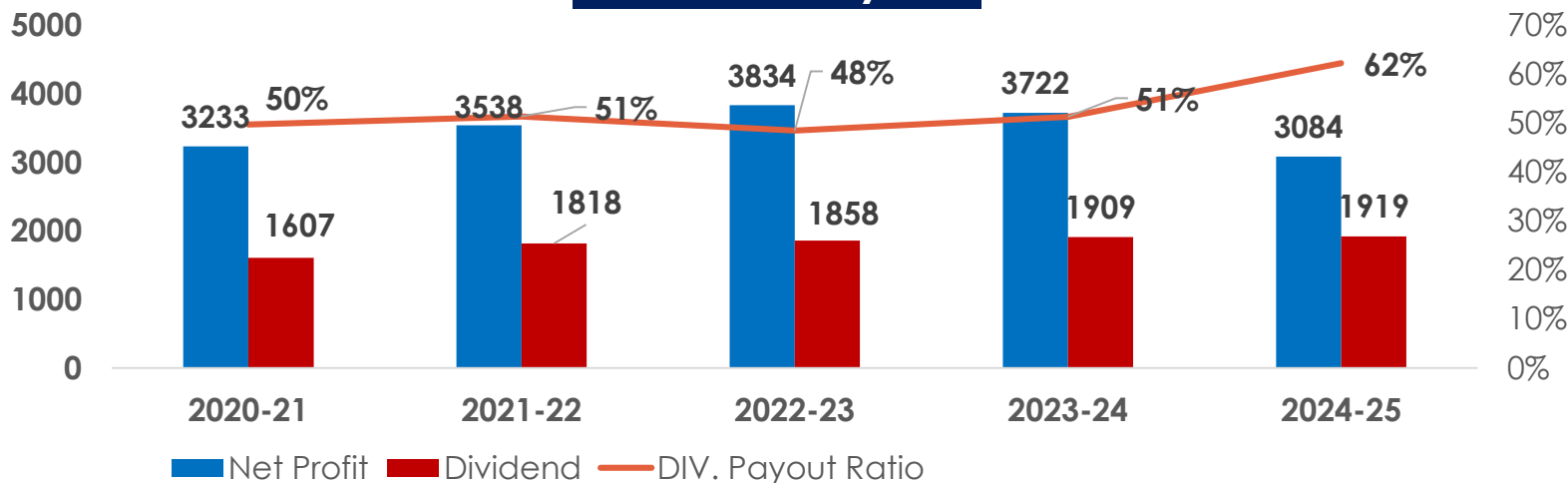
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₹ In  
Crore

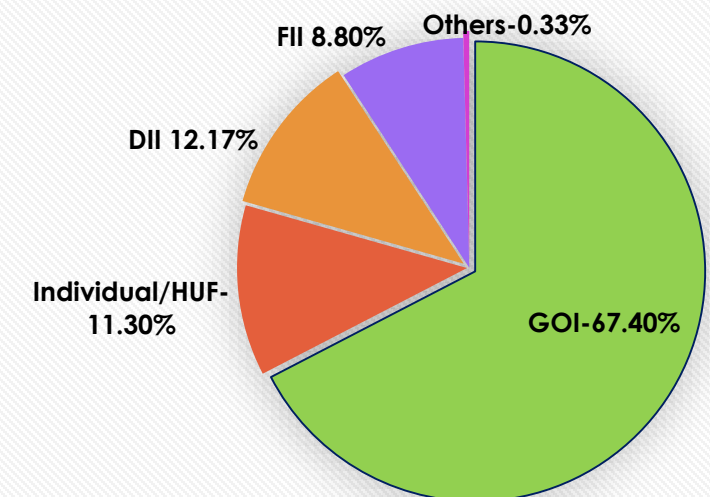
P&L	Standalone
Total Income	10573
EBITDA	6131
EBITDA Margin	58%
PAT	3084
Profit Margin	34%
Dividend Pay Out (FY'25)	₹ 1.91 Per Share/ 62% of Profit

Balance Sheet	Standalone
Share Capital	10045
Net worth	38348
Long Term Debt	38019
Cash & Bank Bal.	812
Gross Block	41395
CWIP	40037

## Dividend Pay out



## Shareholding pattern as on 31.03.2025



# NHPC – Key Ratios

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S. No.	Particulars	FY'25		FY'24	
		Standalone	Consolidated	Standalone	Consolidated
1.	PAT (₹ in Cr.)	3083.98	3006.67	3721.80	3595.95
2.	Net-worth (₹ in Cr.)	38348.48	39668.16	37275.95	38668.59
3.	No. of Equity Shares (In Cr.)	1004.50	1004.50	1004.50	1004.50
4.	EPS (₹)	3.07	2.99	3.71	3.58
5.	Earning Yield(%)*	3.42	3.33	4.14	3.99
6.	Dividend Per Share (₹)	1.91		1.90	
7.	Dividend Yield(%)*	2.13		2.12	
8.	Book Value per share (₹)	38.18	39.49	37.11	38.50
9.	PB Ratio*	2.35	2.27	2.42	2.33
10.	PE Ratio*	29.23	30.01	24.16	25.04
11.	Return On Net worth (%)	8.04	7.58	9.98	9.30
12.	Market Capitalisation (₹ in Cr.)*	90144		90033	
13.	Debt Equity Ratio	0.99	1.05	0.89	0.89

\*Stock Price (BSE): as on 16.05.2025 ₹. 89.74 & as on 31.03.2024 ₹ 89.63.

# NHDC Ltd. (Subsidiary) – Snapshots : FY 24-25

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Shareholding Pattern : 51:49 (NHPC : GoMP)

Installed Capacity : 1616 MW

Design Energy : 2159.71 MUs

Generation : 5575 MUs (FY'25), 4473 MUs (FY'24)

PAF : 96.56% (FY'25), 96.43% (FY'24)

Revenue from operations : ₹ 1401 Crs. (FY'25), ₹ 1269 Crs. (FY'24)

PAT : ₹ 837 Crs. (FY'25), ₹ 812 Crs. (FY'24)

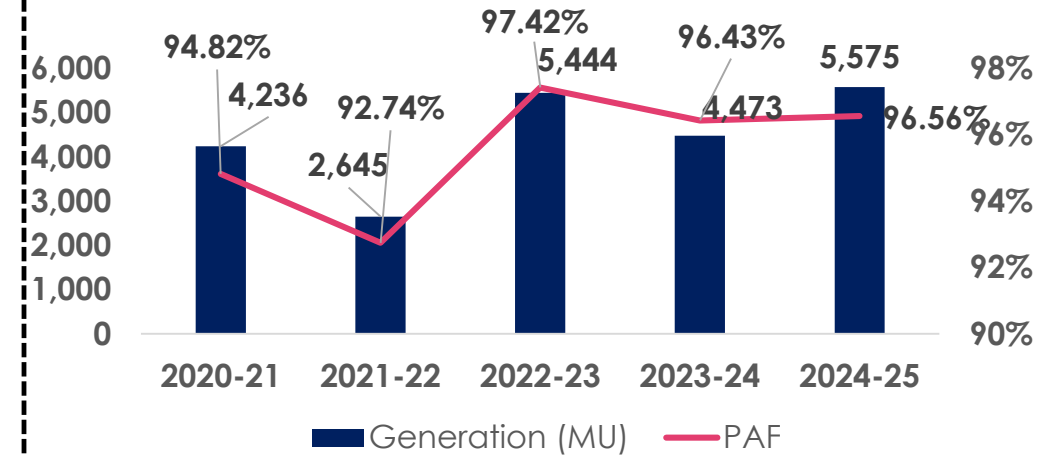
PAF Incentive : ₹ 42 Crs. (FY'25), ₹ 43 Crs. (FY'24)

Secondary Energy : ₹ 422 Crs. (FY'25), ₹ 271 Crs. (FY'24)

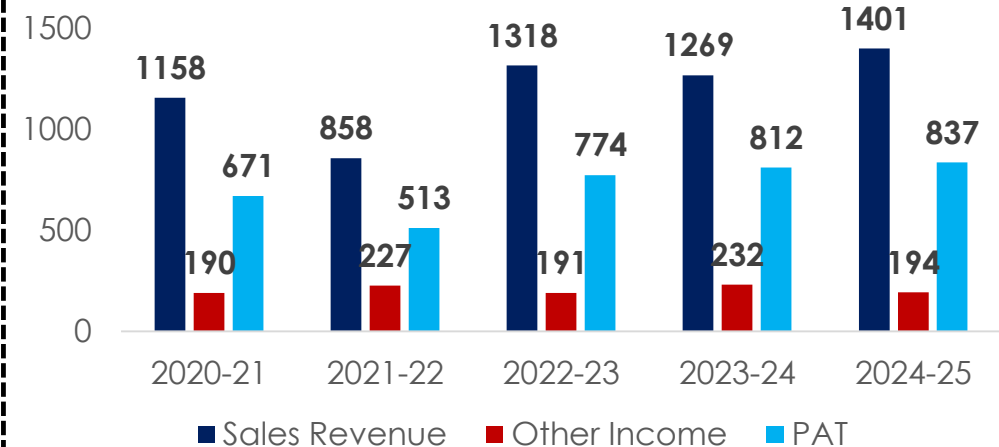
Deviation Charges: ₹ 16 Crs. (FY'25), ₹ 21 Crs. (FY'24)

Regulated Equity: ₹ 2046 Crs. (FY 2024-25)

## Physical Performance

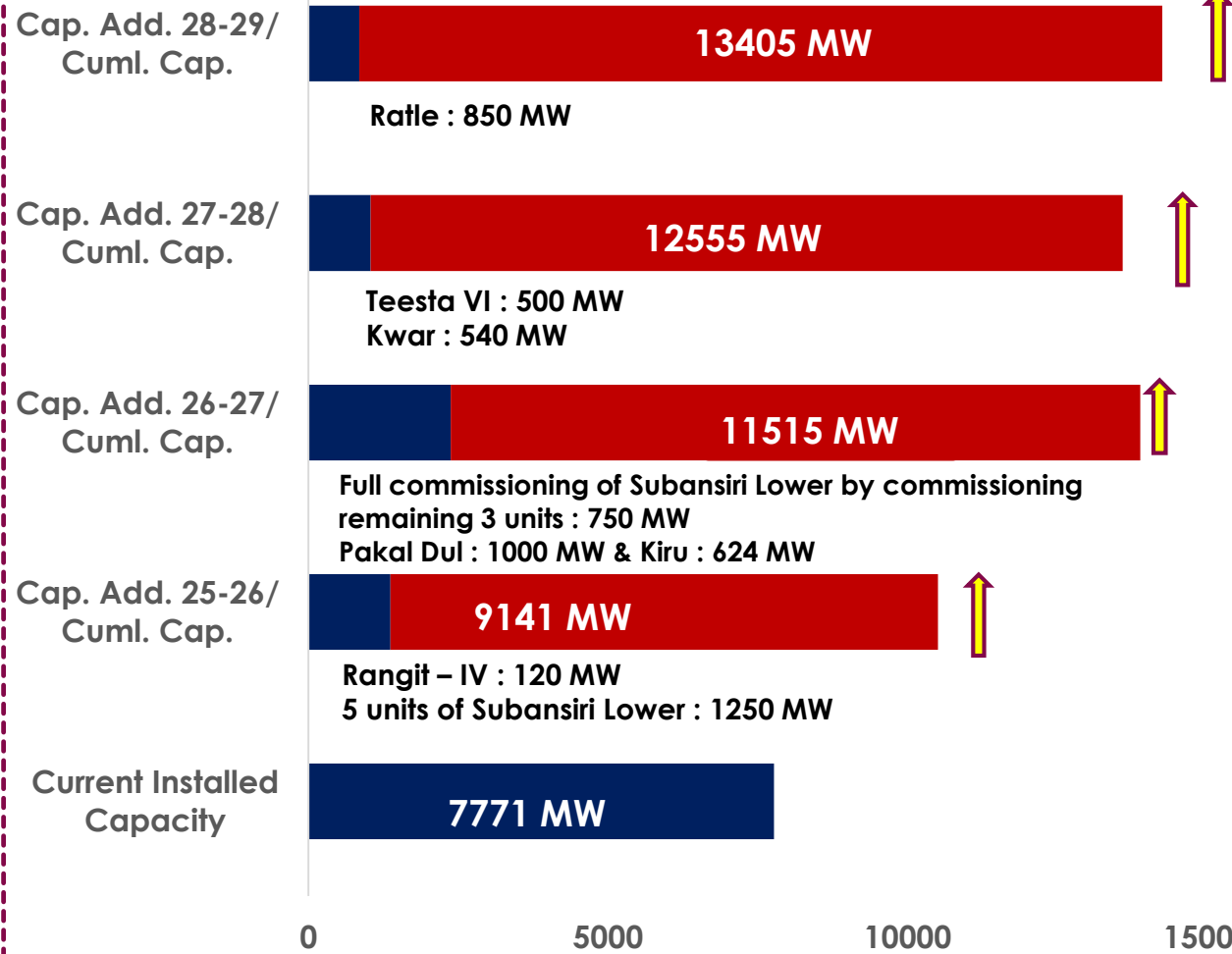


## Financial Performance

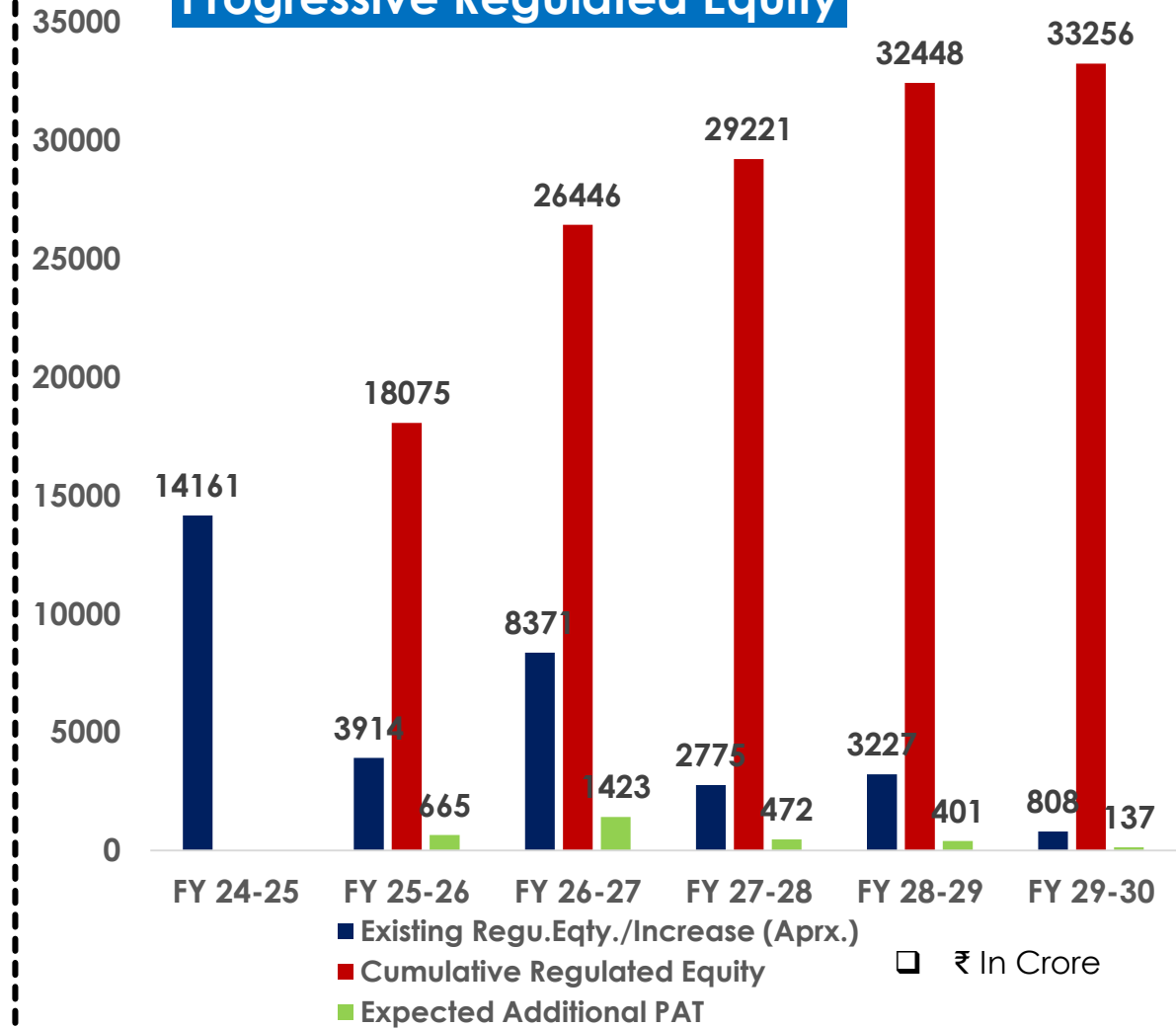




## Progressive Capacity Addition



## Progressive Regulated Equity



Note 1 : Consolidated Regulated Equity includes NHPC' share in subsidiaries as applicable.  
Note 2 : Regulated Equity of Subansiri Lower Project has been considered above in FY 26-27 considering full year benefit. Similarly, Regulated Equity of other projects has also been shown in next financial year after their commissioning considering full year benefit.



F.Y	Amount (₹ In Crore)	Remarks
2017-18	2722	(Actual)
2018-19	2213	(Actual)
2019-20	4155	(Actual)
2020-21	3568	(Actual)
2021-22	5166	(Actual)
2022-23	6961	(Actual – Consolidated)
2023-24	8652	(Actual – Consolidated)
2024-25	11596	(Actual – Consolidated)
2025-26	13052	(Consolidated Target)



- ❖ NHPC has fully commissioned Parbati-II Hydroelectric Project (800 MW) on 15.04.2025. Three units of 200 MW were commissioned on 31.03.2025 and one unit of 200 MW was commissioned on 15.04.2025. Now, the Parbati-II Power Station has become largest operating power station of NHPC.
- ❖ NHPC has partially commissioned 107.14 MW out of 300 MW Solar Power project under CPSE Scheme in Bikaner, Rajasthan on 15.04.2025. The full commissioning of the project is expected by August, 2025.
- ❖ NHDC, the subsidiary of NHPC has fully commissioned 88 MW Floating Solar PV Power Project at Omkareshwar Reservoir on 10.10.2024 with the Commissioning Certificate (COD) obtained on 29.10.2024.
- ❖ NHPC has awarded the EPC contract for 200 MW Grid Connected Solar photovoltaic Power Projects (stage-3) located in 600 MW Solar Park at Khavda, Gujarat to M/s Dineshchandra R. Agrawal Infracon Private Limited on 23.12.2024.
- ❖ NHPC has awarded the EPC contract for 200 MW Grid Connected Solar photovoltaic Power Projects (stage-1) located in 600 MW Solar Park at Khavda, Gujarat to M/s Apollo Green Energy Limited on 05.08.2024.
- ❖ NHPC has awarded the EPC contract for 50 MW Floating Solar Power project in Kerala's West Kallada District to M/s Apollo Green Energy Limited on 26.07.2024.



# Hydro Projects At A Glance



**NHPC-Energising India With Hydropower**

# NHPC: Hydro Projects Under Construction

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Name of Project	Installed Capacity (MW)	Design Energy (MUs)	Type of the project	CCEA Estimated Cost (₹ in Crore) (Price Level)	Anticipated Project Cost (₹ in Crore) (Price Level)	Provisional Project Expenditure till Mar'25 (₹ in Crore)	Expected Commissioning Schedule
Subansiri Lower, (8X250) Assam/ Ar. Pradesh	2000	7422	Run of River with small pondage	6,285.33 (Dec'02)	26,076.00 (at completion cost)	23,753.28	FY 26-27 (Q-1)
Teesta-VI, (4X125) Sikkim	500	2400	Run of River	5,748.04 (July'18)	8,449.00 (Jan'24 PL)	4,141.77	FY 27-28 (Q-3)
Dibang, (12X240) Arunachal Pradesh	2880	11223	Hydropower cum flood moderation scheme	31,876.39 (May'21)	31,876.39 (May'21 PL)	3,182.93	FY 31-32 (Q-4)
<b>Total (A)</b>	<b>5380</b>	<b>21,045</b>		<b>43,909.76</b>	<b>66,401.39</b>	<b>31,077.98</b>	

# Subsidiary: Hydro Projects Under Construction

Name of Project	Installed Capacity (MW)	Design Energy (MUs)	Type of the project	CCEA Estimated Cost (₹ in Crore) (Price Level)	Anticipated Project Cost (₹ in Crore) (Price Level)	Provisional Project Expenditure till Mar'25 (₹ in Crore)	Expected Commissioning Schedule
Rangit-IV, (3X40) Sikkim	120	508	Run of River	938.29 (Oct'19)	1,828 (at completion cost)	1,431.82	FY 25-26 (Q-3)
Kiru, (4X156) UT of J&K	624	2272	Run of River	4,287.59 (July'18)	5,409 (Apr'23 PL)	2,478.22	FY 26-27 (Q-2)
Pakal Dul, (4X250) UT of J&K	1000	3230	Run of River	8112.12 (Mar'13)	12728 (Jun'24 PL)	6,264.86	FY 26-27 (Q-2)
Kwar, (4x135) UT of J&K	540	1975	Run of River	4526.12 (Sept.20)	4526.12 (Sep'20)	1,007.82	FY 27-28 (Q-3)
Rattle, (4X205+30) UT of J&K	850	3137	Run of River	5281.94 (Nov'18)	5281.94 (Nov'18 PL)	915.50	FY 28-29 (Q-3)
<b>Total (B)</b>	<b>3134</b>	<b>11122</b>		<b>23146.06</b>	<b>29773.06</b>	<b>12,098.22</b>	
<b>Total (A+B)</b>	<b>8514</b>	<b>32167</b>		<b>67055.82</b>	<b>96174.45</b>	<b>43176.20</b>	



S. N.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (₹ In Crore) & PL	Status
1	Teesta-IV (4x130) Sikkim	520	2252	6113 (Apr'21)	<ul style="list-style-type: none"> <li>All statutory clearances have been received except forest clearance (stage-II). Approval for pre-investment activities received on 03.05.2016. PIB Memo is held up for want of forest clearance (stage-II).</li> <li>Regular persuasion is being done with State Government for expeditiously resolving the issues of compliance of Forest Clearance (Stage-II) related to FRA, 2006 and acquisition of 181.06 ha private &amp; departmental land.</li> <li>During the conference of Power ministers of North Eastern states held on 09.07.2024, Secretary (Power) Govt. of Sikkim, informed that the consultations with the Government and local bodies regarding the Project would be expedited.</li> <li>Authority meeting for revalidation of concurrence held on 29.04.2025.</li> </ul>
2	Dugar (4 x103 + 2x44) Himachal Pradesh	500	1760	4250 (Apr'2021)	<ul style="list-style-type: none"> <li>MOU signed on 25.09.2019 at Shimla and NHPC signed Implementation Agreement(IA) with Govt. of Himachal Pradesh on dated 26.08.2022.</li> <li>Defence clearance (validity upto 10.05.2027) and IWT clearance (01.05.2023) are available. Forest clearance is in progress.</li> <li>GoHP vide corrigendum/notification dated 12.12.2023 &amp; 30.09.2024 has altered the terms and conditions unilaterally and insisting to sign Supplementary IA with modified terms and conditions. After withdrawal of concession by GoHP, the project becomes commercially unviable.</li> <li>In this regard, NHPC has filed a writ petition in the Hon'ble High Court of Shimla against withdrawal of concessions granted to the project as mentioned in IA. The case was last heard 24.04.2025, the next date of hearing is scheduled on 10.07.2025.</li> <li>The matter is subjudice.</li> </ul>

# NHPC: Hydro Projects Under Clearance

S.No.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (₹ In Crore) & PL	Status
3	Sawalkot (8x225+1x56) UT of J&K	1856	7995	22704.80 (Completion)	<ul style="list-style-type: none"> <li>The project shall be executed by NHPC on BOOT basis for the period of 40 years.</li> <li>NHPC has taken over the Project from JKSPDC.</li> <li>IWT clearance accorded by MoWR on 30.11.2018</li> <li>The Ministry of Power has accorded approval on 12.07.2022 for incurring expenditure on pre investment activities for an amount of ₹ 973 crore at Nov, 2021 Price Level.</li> <li>CEA vide letter dated 27.12.2022 vetted the cost estimates at completion level for an amount of ₹22704.80 crore including ₹4593.41 crore for IDC and ₹1124.20 crore for enabling infrastructure.</li> <li>Forest clearance is in progress.</li> <li>Ministry of Defence (MoD) requested NHPC to execute MoU regarding relocation of Army Transit Camp 261 for issuing the NOC/Defence Clearance for the project. CMD, NHPC vide letter dated 24.12.2024 requested the Secretary, MoD, Gol, for expediting the issue of NOC. The issue was discussed in the meeting chaired by Defence Secretary held on 03.02.2025 at MoD. As per MoM, it was decided that once the contentious issues are resolved between NHPC and State Govt., MoD would take further action for grant of NOC. NHPC was requested to liaison with State Govt. authorities and furnish requisite NOC/Clearance from the State Govt. for the purpose of land acquisition at the earliest. NHPC has been pursuing the State Govt., however the land for relocation of Army Transit Camp has not been provided by State Govt.</li> <li>NHPC has requested Joint Secretary (JKL), MHA to take up with UT of J&amp;K for extending the concessions for improving the viability of the project i.e. waiver of water cess for the entire project life of 40 years, 100% waiver of SGST and waiver of free power for the first 10 years.</li> </ul>

# NHPC: Hydro Projects Under Clearance

S.No.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (₹ In Crore) & PL	Status
4	Uri-I Stage-II (2x120) UT of J&K	240	932.6	2526.79 (Completion)	<ul style="list-style-type: none"> <li>MOU has been signed between NHPC Ltd. and JKSPDCL on 03.01.2021 with a Valid for 2 years i.e. up to 02.01.2023.</li> <li>MoU was extended on 29.04.2025 up to 02.01.2026.</li> <li>The project shall be executed by NHPC on BOOT basis for a period of 40 years.</li> <li>Environment clearance has been accorded by MoEF&amp;CC on 10.03.2025.</li> <li>Forest clearance has been accorded by MoEF&amp;CC on 14.01.2025.</li> <li>IWT clearance has been accorded by MoWR on 22.01.2025.</li> <li>DPR has been concurred by CEA on 07.03.2023 amounting to ₹2526.79 crore at completion level including ₹249.45 crores for IDC and ₹26.20 crores for enabling infrastructure.</li> <li>Principal Secretary, Govt. of UT of J&amp;K has been requested by NHPC for extending the concession w.r.t. waiver of water cess for the entire project life of 40 years, for improving the viability of Project.</li> </ul>
	<b>Total (A)</b>	<b>3116</b>	<b>12939.6</b>	<b>35594.59</b>	



# Subsidiary: Hydro Project Under Clearance

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S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (₹ In Crore) & PL	Status
1	Kirthai-II 4x200 + 2x10) as per MOC	820	2883.73	11388.85 (at Completion Level)	<ul style="list-style-type: none"> <li>• MOU has been signed between NHPC Ltd. and JKSPDCL on 03.01.2021.</li> <li>• The project shall be executed by M/s CVPPL on the same terms and conditions of that of Pakaldul, Kiru &amp; Kwar H E Projects.</li> <li>• The Appraisal has been transferred in the name of CVPPL by CEA on 29.12.2021.</li> <li>• Extension of validity of appraisal up to 13.06.2024 was accorded by CEA on 29.08.2022.</li> <li>• Extension of validity of TEA appraisal up to 13.06.2026 accorded on 20.11.2024.</li> <li>• Balance investigation works completed in compliance to DPR concurrence and based on survey &amp; investigations, some modifications were necessitated. Accordingly, Memorandum of Changes (MoC) was prepared and submitted by CVPPL in May' 2024 to CEA.</li> <li>• Revised MoC submitted to CEA on 03.01.2025 after incorporating all the suggestion of CEA/CWC. MOC has been cleared by the various apprising group except GSI (on geology part)</li> <li>• Defence Clearance was accorded by MoD on 24.03.2022.</li> <li>• EAC had recommended for grant of Environment Clearance (EC) to the project on 15.04.2021. MoEF vide letter dated 24.5.2021 has intimated JKSPDC that EC shall be accorded after Stage-I Forest Clearance is granted.</li> <li>• The PSC-I has accepted the proposal of FC of Kirthai-II HEP on 02.01.2025. After the site inspection of Nodal Officer (FCA), the proposal will be discussed in PSC-II.</li> </ul>
	<b>Total (B)</b>	<b>820</b>	<b>2883.73</b>	<b>11388.85</b>	
	<b>Total (A+B)</b>	<b>3936</b>	<b>15823.33</b>	<b>46983.44</b>	

# NHPC: Hydro Projects Under Survey & Investigation

S. No.	Projects	State	Installed Capacity (MW)	Status
Projects Under FR/DPR Preparation				
1	Garba Tawaghat (3x210)	Uttarakhand	630	<ul style="list-style-type: none"><li>MoP vide letter dated 28.12.2023 requested NHPC to take up the matter of implementation of Garba Tawaghat HE Project with JHDC. Accordingly, NHPC vide letter dated 19.01.2024 requested MoP to include nominee of NHPC in the JHDC to take up the matter appropriately in the forum. The response is awaited.</li><li>CMD, NHPC vide letter dated 24.06.2024 requested Secretary (Power) to coordinate with MEA for expediting the consent of Nepalese side to hold the discussions with NHPC officials for sorting out the matter.</li><li>MoP vide letter dated 19.08.2024 forwarded the request of NHPC (letter dt.-24.06.2024) to MEA and requested to take up the matter with Embassy of India in Kathmandu to expedite the process of obtaining consent from the Nepalese authorities for carrying S&amp;I activities by NHPC .</li><li>In the meeting held on 12.02.2025 between Hon'ble Minister of Power, Govt. of India (GoI) and Hon'ble Minister of Energy, Water Resources &amp; Irrigation (EWR&amp;I), Govt. of Nepal (GoN) at New Delhi, CMD NHPC requested Govt. of Nepal (GoN) to accord permission for preparation of Detailed Project Report (DPR) of thr Project.</li><li>NHPC vide letter dated 07.08.2024 requested GoUK for extension of validity of Implementation Agreement of Garba Tawaghat HE Project for further period of 5 years i.e. upto 31.08.2029. The extension of validity of Implementation Agreement is under process at GoUK.</li></ul>

# NHPC: Hydro Projects Under Survey & Investigation

S. No.	Projects	State	Installed Capacity (MW)	Status
Projects Under FR/DPR Preparation				
2	Dulhasti Stage-II (2x130)	UT of Jammu & Kashmir	260	<ul style="list-style-type: none"><li>MOU has been signed between NHPC Ltd. and JKSPDCL on 03.01.2021 with a Validity for 2 years i.e. up to 02.01.2023.</li><li>MoU was extended on 25.09.2023 for a period of 1 year up to 02.01.2024.</li><li>MoU further extended on 29.04.2025 for a period of 2 years up to 02.01.2026.</li><li>The project shall be executed by NHPC on BOOT basis for the period of 40 years.</li><li>MoEF&amp;CC vide letter dated 16.07.2021 has conveyed the approval to the ToR for EIA/ EMP studies of the project.</li><li>EIA/ EMP studies awarded on 08.09.2021 and EIA/EMP studies is under finalization.</li><li>No forest clearance is required. NOC has been obtained from Forest department on 13.12.2021.</li><li>Defence Clearance has been accorded by MoD on 03.01.2022.</li><li>All (14 nos.) Pre-DPR chapters have been cleared.</li><li>DPR of the project has been submitted to CEA on 28.03.2025 and CEA accepted the DPR for examination in CEA/CWC w.e.f. 09.04.2025.</li></ul>



# NHPC: Hydro Projects Under Survey & Investigation

S. No.	Projects	State	Installed Capacity (MW)	Status
Projects Under PFR/DPR Preparation				
3	Subansiri Upper	Arunachal Pradesh	1605	<ul style="list-style-type: none"><li>Government of Arunachal Pradesh has conveyed its approval on 21.07.2023 for allotment of the Project to NHPC.</li><li>MoA with the Govt. of Arunachal Pradesh has been signed on 12.08.2023. Site office has been established.</li><li>Payment of ₹ 100 crores released to M/s KSK towards project Acquisition cost on 23.08.2023.</li><li>TOR granted by MoEF on 07-09-2024. LOA issued on 17.08.2024 for carrying out EIA/EMP studies.</li><li>Application for FC-1 has been applied on Parivesh Portal 2.0 on 30.08.2024. Forest proposal part 1 of FC 1 has been cleared on 13.03.2025.</li><li>NOC received from State Forest Deptt. on 04.10.2024 for identification of Compensatory Afforestation (CA) land outside Arunachal Pradesh.</li><li>Govt. of Madhya Pradesh agreed to provide degraded forest land for Compensatory Afforestation (CA) (5466 Ha) vide letter dated 13.12.2024 with the request to deposit an advance payment@1% for site inspection, DPR &amp; further studies for CA.</li><li>Payment released to CAMPA fund, Govt. of Madhya Pradesh for CA (1%) (4.51 Cr.) on 09.02.2025. Details of CA areas (5466 Ha) along with estimate and KML files have been provided by the APCCF, Govt of MP.</li><li>All 14 No. Pre-DPR chapters cleared and DPR Submitted to CEA on 09.05.2025.</li><li>Ministry of Power vide OM dated 02.04.2025 conveyed the NOC/Defence clearance in respect of the project.</li></ul>

# NHPC: Hydro Projects Under Survey & Investigation

S. No.	Projects	State	Installed Capacity (MW)	Status
Projects Under PFR/DPR Preparation				
4	Kamla	Arunachal Pradesh	1720	<ul style="list-style-type: none"><li>Government of Arunachal Pradesh has conveyed its approval on 21.07.2023 for allotment of the Project to NHPC.</li><li>MoA with the Govt. of Arunachal Pradesh has been signed on 12.08.2023. Site office has been established.</li><li>Payment of ₹ 201.54 Crores released to M/s Kamala HE Power Company Ltd. (Hydropower Corporation of Arunachal Pradesh – Jindal Power Ltd. JV) towards Project Acquisition cost on 22.08.2023.</li><li>TOR granted by MoEF on 07.08.2024. LOA issued on 19.07.2024 for carrying out EIA/EMP studies.</li><li>Application for Forest Clearance (FC-1) has been applied in Parivesh Portal 2.0 on 25.04.2024. Forest proposal part 1 of FC 1 has been cleared on 09.04.2025.</li><li>NOC received from State Forest Deptt. on 04.10.2024 for identification of Compensatory Afforestation (CA) land outside Arunachal Pradesh.</li><li>Further, to explore the possibility of CA land outside Arunachal Pradesh, NHPC also approached the state of Uttar Pradesh, Madhya Pradesh, Maharashtra, and Gujarat to provide the appropriate DFL for the purpose of carrying out CA.</li><li>Govt. of MP agreed to provide degraded forest land (DFL) for Compensatory Afforestation (CA) (6556 Ha) vide letter dated 13.12.2024 with the request to deposit an advance payment@1% for site inspection, DPR &amp; further studies for CA.</li><li>Payment released to CAMPA fund, Govt. of Madhya Pradesh for CA (1%) (6.09 Cr.) on 09.02.2025. Details of CA areas (6556 Ha) along with estimate and KML files have been provided by the APCCF, Govt of MP.</li><li>DPR has been submitted to CEA on 22.10.2024. TEC concurrence meeting held on 29.04.2025.</li><li>Ministry of Power vide OM dated 02.04.2025 conveyed the NOC/Defence clearance for the project.</li></ul>

# NHPC: Hydro Projects Under Survey & Investigation (Nepal)

S. No.	Projects	Country	Installed Capacity (MW)	Status
Projects Under PFR/DPR Preparation				
5	West Seti	Nepal	800	<ul style="list-style-type: none"><li>DPR of the project forwarded to IBN, Nepal for appraisal on 18.10.2024.</li><li>Drilling work at Dam site is under progress.</li><li>Hydroelectricity Investment and Development Company Ltd (HIDCL), Govt. of Nepal has forwarded its Consent for signing of MoU for JV for development of West Seti (800 MW) Project on 14.03.25. The proposal is under approval.</li></ul>
6	SR6	Nepal	460	<ul style="list-style-type: none"><li>Final DPR of SR-6 has been submitted to IBN, Nepal on 12.03.2025. Drilling work at Dam, Power House and HRT is under progress.</li><li>Hydroelectricity Investment and Development Company Ltd (HIDCL), Govt. of Nepal has forwarded its Consent for signing of MoU for JV for development of SR-6 (460 MW) Project on 14.03.25. The proposal is under approval.</li></ul>
Total			5475	



# Solar & Wind Projects at a Glance



Clean Power For EVERY HOME

S.No	Name of Project	Capacity (MW)	Estimated Capital Cost (₹ in Crore)	Expected Commissioning Schedule	Tariff (₹/unit)	Status of PPA
1	600 MW Grid Connected Solar Power Project under CPSU Scheme, Gujarat	600	4194.89	2026-27 (Transmission system for power evacuation at KPS-1, Khavda ISTS Sub-station is likely to be ready by Nov-2026, project anticipated to be commissioned by November, 2026)	2.45	Power Usage Agreement signed with DISCOMs (Telangana) for 500 MW on 28.03.2023 and with PSPCL (Punjab) for 100 MW on 16.05.2023.
2	300 MW Grid Connected Solar Power Project under CPSU Scheme, Rajasthan	192.86	1677.12	2025-26 <b>(107.14 MW partially commissioned on 12.04.2025)</b> (Rest of the capacity likely to be commissioned by August, 2025)	2.45	Power Usage Agreement signed with PSPCL (Punjab) for 300 MW Project on 16.05.2023.
3	100 MW Grid Connected Solar Power Project under CPSU Scheme, Andhra Pradesh.	100	567.34	December, 2025	2.45	Power Usage Agreement signed with WB Discom for 100 MW Project on 23.11.2022.

S.No	Name of Project	Capacity (MW)	Estimated Capital Cost (₹ in Crore)	Expected Commissioning Schedule	Tariff (₹/unit)	Status of PPA
4	Floating Solar Kerala (50MW), West Kallada	50	255.92	March, 2026	3.04 (ceiling tariff)	Initiated Draft PPA Exchanged between NHPC and KSEB on 10.07.2024 and PPA approved by KSERC on 01.01.2025 and signing of finalized PPA is expected shortly.
5	40 MW Solar power project in Ganjam, Odisha	40	147.91	September, 2025	2.75	Supplementary PPA signed with GRIDCO on 29.06.2024.
6	200 MW Grid Connected Solar photovoltaic Power Projects(stage-1) located in 600 MW Solar Park at Khavda, Gujarat.	200	913.00	March, 2026	2.73	PPA signed with GUVNL on 10.08.2023
7	200 MW Grid Connected Solar photovoltaic Power Projects in GSECL RE Park (stage-3) at Khavda, Gujarat.	200	822.41	March, 2026	2.66	PPA signed with GUVNL on 27.06.2024
Total		1382.86	8578.59			

# Subsidiary: Solar Projects under Tender and pipeline

## Under Pipeline

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Sl. No.	Name of Project	Capacity (MW)	Estimated Capital Cost	Expected Commissioning Schedule	Tentative Tariff (Rs./unit)	Status of PPA
1	1200 MW Solar Park, Jalaun (U.P.) under UMREPP (Subsidiary - BSUL)	-	796.96 (Park development cost only)	December 2026	2.80*	<ul style="list-style-type: none"> <li>Term of Reference with REMC was signed on 30.01.2023 for procuring 1405 MU of energy at ₹2.80/unit from the solar park under the optimum scheduling mode.</li> <li>BSUL requested UPPCL for procurement of balance power (1591 MU). Consent for procurement of balance power is awaited from UPPCL.</li> <li>BSUL also requested REMCL for procurement of balance power vide letter dated: 23.12.2024. Consent is awaited.</li> <li>GAIL vide letter dated: 26.03.2025 expressed willingness to develop solar projects within solar park to meet their captive power requirement.</li> </ul>
2	Mirzapur Solar Project (Subsidiary - BSUL)	100	384.15	July 2026	2.90*	<ul style="list-style-type: none"> <li>Consent for power procurement from DISCOM/UPPCL has been requested vide various letters, latest on 13.01.25. Consent of UPPCL is awaited.</li> <li>NCRTC vide letter dated 28.03.2025, expressed willingness to develop the project under the captive model. Subsequently, on 11.04.2025, NCRTC was requested to share a draft MoU for the development of Solar Park under captive mode. The same is awaited.</li> </ul>
3	Madhogarh Solar Project (Subsidiary - BSUL)	45	183.76	August 2026	2.99*	<ul style="list-style-type: none"> <li>BSUL, through various letters, has requested UPNEDA and UPPCL to provide consent for the procurement of power from the project.</li> <li>Consent for power procurement under open access has been requested from UPMRC vide letter dated 02.05.2025. In this regard a meeting held with Director (Operations), UPMRC on 08.05.2025.</li> </ul>
<b>Total</b>		<b>145</b>	<b>1364.87</b>			



S.No.	Type of Project	Installed Capacity (MW)	Current Status
1	Projects through Solar Power Developers, Rajasthan	2000	<ul style="list-style-type: none"><li>PPA &amp; PSA signed.</li><li>700 MW already commissioned.</li></ul>
2	Solar (2023-24 - Tranche-I)	3000	<ul style="list-style-type: none"><li>PPA &amp; PSA signed.</li></ul>
3	FDRE (Firm & Dispatchable (RTC) RE) Power (2023-24 - Tranche-II)	1400	<ul style="list-style-type: none"><li>PPA &amp; PSA signed for 1280 MW.</li><li>PSA for balance capacity of 120 MW is likely to be signed by July, 2025.</li></ul>
	<b>Total</b>	<b>6400</b>	

S.No.	Type of Project	Installed Capacity (MW)	Current Status
1	Solar (2024-25 - Tranche-V & IX)	4570	<ul style="list-style-type: none"><li>Letter of Award issued.</li><li>PPA &amp; PSA to be signed.</li></ul>
2	Solar & Wind Hybrid (2023-24 - Tranche-III) (2024-25 – Tranche-X)	3360	<ul style="list-style-type: none"><li>Letter of Award issued.</li><li>PPA &amp; PSA to be signed.</li></ul>
3	FDRE (Firm & Dispatchable (RTC) RE) Power (2023-24 - Tranche-IV) (2024-25 – Tranche-VI)	4450	<ul style="list-style-type: none"><li>Letter of Award issued.</li><li>PPA &amp; PSA to be signed.</li></ul>
4	Solar with storage (2024-25 – Tranche-VIII)	2400	<ul style="list-style-type: none"><li>Letter of Award issued.</li><li>PPA &amp; PSA to be signed.</li></ul>
	<b>Total</b>	<b>14780</b>	

# New Initiatives

## ☐ Pumped Storage Schemes



Green Power, Clean Power

## Pump Storage Project Scheme

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### (1) Maharashtra

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
1	Savitri	2400	<ul style="list-style-type: none"> <li>MOU has been signed on 06.06.2023 between NHPC and Department of Energy, Govt of Maharashtra for establishment of Kalu (1150 MW), Savitri (2250 MW), Kengadi (1550 MW), Jalond (2400 MW) PSPs along with other Renewable Energy Projects.</li> <li>Following the issuance of a corrigendum on 31.07.2024 regarding Maharashtra's PSPs Policy, NHPC re-entered a Memorandum of Understanding (MoU) on 03.09.2024 with the Department of Water Resources, Government of Maharashtra.</li> <li>✓PFR of Savitri PSP has been prepared and submitted to Govt. of Maharashtra &amp; CEA. The capacity of project has been revised to 2400 MW.</li> <li>✓DPR preparation of Savitri PSP is under progress. NHPC vide letter dated 01.05.2025 has submitted Layout Finalization Chapters to HPP&amp;I Division, CEA.</li> <li>✓PFR of Kengadi PSP has been prepared and submitted to Govt. of Maharashtra. The capacity of project has been revised to 600 MW.</li> <li>✓PFR of Kalu PSP has been prepared and submitted to Government of Maharashtra. The capacity of project has been revised to 1350 MW.</li> </ul>
2	Kengadi	600	
3	Kalu	1350	
4	Jalond	2400	
	<b>Total</b>	<b>6750</b>	



## Pump Storage Project Scheme

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### (2) Andhra Pradesh (under JV mode with APGENCO)

S.No	Name/Place of PSP	Installed Capacity (MW)	Description
5	Rajupalem	800	<ul style="list-style-type: none"> <li>➤ MOU signed between NHPC and Andhra Pradesh Power Generation Corporation (APGENCO) on 23.08.2023 for Implementation of PSPs and RE Project(s) under JV Mode.</li> <li>➤ MOP vide Letter dated 12.03.2024 has conveyed the concurrence of DIPAM and NITI Aayog and directed NHPC to further necessary action as per extant rules of GOI.</li> <li>➤ NHPC and APGENCO formed a JV Company, APGENCO NHPC Green Energy Ltd (ANGEL), on 23.01.2025 to develop renewable energy projects.</li> <li>➤ Five Pumped Storage Projects namely Rajupalem (800 MW), Yaganti (1000 MW), Gadikota (1200 MW), Aravetipalli (1320 MW) &amp; Deenepalli (750 MW) are being implemented by the JVC.</li> <li>➤ Feasibility Study Report of Rajupalem has been completed. Pre-DPR activities are to be started.</li> <li>➤ DPR of Yaganti PSP is under progress. Draft EIA report submitted. Investigations &amp; DPR works hampered due to local resistance.</li> <li>➤ DPR preparation of Gadikota PSP is under progress. First consultation meeting i.r.o. Gadikota PSP (1200 MW) was held on 05.12.2024.</li> <li>➤ The PFR of Arvetipalli PSP has been prepared. 1st consultation meeting to discuss about the Pre-feasibility report (PFR) and General layout, alternatives proposed for the alignment of the project was held on 20.09.2023.</li> <li>➤ The Techno-commercial Feasibility report of Deenepalli PSP has been prepared.</li> </ul>
6	Yaganti	1000	
7	Gadikota	1200	
8	Aravetipalli	1320	
9	Deenepalli	750	
	<b>Total</b>	<b>5070</b>	

## Pump Storage Project Scheme

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### (3) Madhya Pradesh (Through our subsidiary NHDC)

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
10	Indrasagar-Omkareswar	640	<ul style="list-style-type: none"><li>➤ Govt. of MP vide Letter dated 07.06.2023 has allotted the Project to NHDC for implementation.</li><li>➤ PFR submitted by NHDC to CEA on 13.06.2023.</li><li>➤ 1<sup>st</sup> Consultation Meeting for preparation of DPR was held by CEA on 28.06.2023.</li><li>➤ Layout Finalization Chapters of Indira Sagar- Omkareshwar PSP (640MW), Madhya Pradesh was submitted to CEA on 15.12.2023 for Layout Finalization.</li><li>➤ CWC vide letter dated 28.03.2024 has cleared that no fresh hydrological studies are required as both (upper &amp; lower) reservoirs are existing.</li><li>➤ MOEF &amp;CC has granted Terms of Reference (ToR) for the project Indirasagar-Omkareshwar Open Loop Pumped Storage Project (640 MW) by M/s NHDC Limited for preparation of EIA/ EMP reports.</li><li>➤ Interstate chapter submitted on 03.03.25, now all Pre-DPR Chapters submission completed and it is under examination. 04 Clearances (Hydrology, Power Potential Study, Transmission, Geology) were obtained till date.</li><li>➤ DPR Preparation is under progress.</li></ul>
	Total	640	

## Pump Storage Project Scheme

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### (4) Odisha

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
11	Masinta	1000	<ul style="list-style-type: none"> <li>➤ MoU has been signed between NHPC Limited and Govt. of Odisha through GRIDCO Limited for "Development of Pumped Storage Projects (PSPs) in the State of Odisha" on 23rd June 2023.</li> <li>➤ PFR of Masinta PSP (1000 MW) submitted to GRIDCO Limited on 30.08.2024.</li> <li>➤ GRIDCO vide letter dated 30.10.2024 granted the permission for preparation of DPR of Masinta by NHPC Limited. Approval for water allotment received .</li> <li>➤ Preparation of DPR of Masinta PSP is under progress</li> </ul>
12	Harbhangi	300	<ul style="list-style-type: none"> <li>➤ In response to NHPC letter dated 07.07.2024, GRIDCO vide its letter dated 16.12.2024 shared the details of Two Potential PSP sites ( Harbhangi – 300 MW &amp; Badanalla stream – 600 MW) and agreed on NHPC proposal for conducting detailed feasibility study.</li> <li>➤ NHPC vide its letter dated 21.01.2025, has conveyed to GRIDCO, its acceptance of the above two PSP sites.</li> </ul>
13	Badanalla	600	<ul style="list-style-type: none"> <li>➤ The Pre-feasibility study of two more PSPs i.e Harbhangi – 300 MW &amp; Badanalla stream – 600 MW) is being carried out by NHPC.</li> <li>➤ Site Visit is under progress.</li> </ul>
	<b>Total</b>	<b>1900</b>	

## Pump Storage Project Scheme

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### (5) Gujarat

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
14	Kuppa	900	<ul style="list-style-type: none"> <li>➤ MoU has been signed between NHPC &amp; Gujarat Industries Power Company Limited (GIPCL) on 17<sup>th</sup> October 2023 for development of Pumped Storage &amp; RE Projects in the State of Gujarat.</li> <li>➤ Under the aegis of "Vibrant Gujarat" NHPC signed an MoU with Gujarat Power Corporation Limited, Government of Gujarat for investment in Kuppa PSP (750 MW) on 03.01.2024.</li> <li>➤ GIPCL (Gujarat Industries Power Company Ltd.) vide email dated 29.5.2024 has requested NHPC for a joint site visit of 05 nos. PSPs site (Kaprada-1300MW, Wilshon Ghat- 1000MW, Ganiyabar-830MW, Umedpura-660MW, Dobachapura-500MW) aggregating to 4290MW.</li> <li>➤ PFR of Kuppa PSP 900 MW submitted to Govt. of Gujarat on 31.08.2024.</li> <li>➤ The preparation of DPR of the Kuppa PSP is under progress , Field survey work has been completed. The survey works commenced in Dec 2024 however the same was suspended due to protest by local villagers, the matter is being pursued with the local authorities to resolve the issue.</li> </ul>
	<b>Total</b>	<b>900</b>	



## Pump Storage Project Scheme

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### (7) Rajasthan & Chhattisgarh

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
15	Paharkalan (Rajasthan)	1000	➤ NHPC has signed a MoU on 29.09.2024 with the Govt. of Rajasthan with the intent to establish the PSPs, Renewable Energy (solar/Floating Solar/Wind) Projects and the Battery Energy Storage system in the state of Rajasthan.
16	Singli (Rajasthan)	1000	➤ NHPC re-entered in project specific MoU (4 projects - 3540 MW) with Govt. of Rajasthan for the development of PSPs, Renewable Energy (solar/Floating Solar/Wind) Projects and the Battery Energy Storage system in the state of Rajasthan on 06.12.2024. ➤ As per Preliminary Desk study by NHPC, 2 PSP sites totaling 2000 MW namely Paharkalan PSP (1000 MW) and Singli PSP (1000 MW) are promising and have been considered for PFR studies. ➤ Preparation of PFR is under progress.
17	Kurund (Chhattisgarh)	1000	➤ NHPC has self-identified a potential site for development of PSP in the state of Chhattisgarh. ➤ NHPC vide its letter dated 04.04.25 requested Managing Director (CSPGCL) for allotment of Kurund PSP (1000 MW) in the State to NHPC.
Total		3000	

## Pump Storage Project Scheme

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### (6) Tripura, Punjab & ONGC

S.No	Name/Place of PSP	Installed Capacity (MW)	Present Status
18	Longtharai (Tripura)	800	<ul style="list-style-type: none"> <li>➤ Tripura Power Generation Limited on 20.12.2023 has conveyed the allotment of 04 nos. Pumped Storage Projects to NHPC Limited by the Government of Tripura at Longtharai, Sunitipur, Shantipur and Sakhan PSP sites in the State of Tripura for detailed Survey &amp; Investigation Works and their subsequent Implementation based on their techno-commercial viability.</li> <li>➤ As per preliminary desk study, Logtharai PSP appeared to be promising and was taken up by NHPC for Feasibility study (PFR).</li> <li>➤ PFR of Longthrai PSP (800 MW) has been prepared and forwarded to Govt of Tripura.</li> </ul>
	ONGC		<ul style="list-style-type: none"> <li>➤ NHPC has signed MOU with ONGC on 15.12.2023 for cooperation in exploration and development of Pumped Hydro Storage and other Renewable Projects in the country.</li> <li>➤ Finalization of Joint Venture agreement for formation of JV is under process.</li> </ul>
	Punjab		<ul style="list-style-type: none"> <li>➤ NHPC has signed MOU with Punjab State Power Corporation Limited (PSPCL), Govt. of Punjab on 14.03.2024 for development of Pumped Storage Projects.</li> </ul>
	<b>Total</b>	<b>800</b>	
	<b>Grand Total</b>	<b>19060</b>	

# Projects under Operation

- ☐ Hydro Power
- ☐ Solar Power
- ☐ Wind Power



**Green Power, Clean Power**

# NHPC: Projects under Operation

## Hydro

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S. No	NHPC Project & State/UT	Installed Capacity (MW)	Design Energy (MU)	Year of comm.	Capital Cost as on 31.03.25	Tariff (24-25) (₹ /Kwh)	Type of the project
1	Baira Siul, (3x60) Himachal Pradesh	180	708.59	1981 (Sep)	389.94	2.84	Run of River (ROR) with small pondage
2	Loktak, (3x35) Manipur	105	448.00	1983 (May)	187.12	3.89	Storage
3	Salal, (6x115) UT of J&K	690	3082.00	1987 (Nov)	1048.95	2.64	ROR
4	Tanakpur, (3x40) Uttarakhand	94.2	452.19	1992 (Apr)	440.79	5.35	ROR
5	Chamera-I, (3x180) Himachal Pradesh	540	1664.56	1994 (Apr)	2111.99	2.28	Storage
6	Uri-I, (4x120) UT of J&K	480	2587.38	1997 (Apr)	3472.05	2.36	ROR
7	Rangit, (3x20) Sikkim	60	338.61	2000 (Feb)	522.76	4.03	ROR with small pondage
8	Chamera-II, (3x100) Himachal Pradesh	300	1499.89	2004 (Feb)	2035.91	2.41	ROR with small pondage
9	Dhauliganga-I, (4x70) Uttarakhand	280	1134.69	2005 (Oct)	1770.33	2.70	ROR with small pondage.
10	Dulhasti, (3x130) UT of J&K	390	1907.00	2007 (Mar)	5237.46	5.11	ROR with small pondage
11	Teesta-V, (3x170) Sikkim	510	2573	2008 (Mar)	3090.25	1.97	ROR with small pondage



# NHPC: Projects under Operation

## Hydro

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S.No.	NHPC Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.25 (₹ in Crore)	Tariff (24-25) (₹ /Kwh)	Type of the project
12	Sewa-II, (3x40) UT of J&K	120	533.53	2010 (Jun)	1157.23	4.60	ROR with small pondage
13	Chamera-III , (3x77) Himachal Pradesh	231	1108.17	2012 (Jun)	2233.61	4.18	ROR with small pondage
14	Chutak , (4x11) UT of Ladakh	44	212.93	2013 (Jan)	1031.29	9.91	ROR
15	TLDP-III, (4x33) West Bengal	132	594.07	2013 (Mar)	2122.81	5.59	ROR with small pondage
16	Nimoo Bazgo, (3x15) UT of Ladakh	45	239.33	2013 (Jan)	1129.38	10.61	ROR with small pondage
17	Uri -II, (4x60) UT of J&K	240	1123.77	2014 (Feb)	2481.25	5.27	ROR
18	Parbati-III, (4x130) Himachal Pradesh	520	1963.29	2014 (May)	2758.11	2.72	ROR with small pondage
19	TLDP IV, (4x40) West Bengal	160	717.72	2016 (Aug)	1862.84	4.35	ROR with small pondage
20	Kishanganga, (3x110) UT of J&K	330	1712.96	2018(Mar)	5844.61	4.94	ROR with Pondage
21	Parbati-II, (4x200) UT of J&K	800	3074.60	2025(Apr)	Tariff petition is to be filed		ROR with Pondage
<b>Total-A</b>		<b>6251.2</b>	<b>27676.28</b>		<b>40928.68</b>	<b>4.02</b>	

# NHPC: Projects under Operation

## Renewable Energy

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S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.25 (₹ in Crore)	Tariff (24-25) (₹ /Kwh)	Place of Project
1	Wind Power	50	94.25	2016	330.40	3.67	Jaisalmer (Rajasthan)
2	Solar Power	50	105.96	2018	290.59	4.41	Theni/Dindigul (Tamilnadu)
3	Solar Power	107.14	Shall be shared after full commissioning	2025	Shall be shared after full commissioning	2.45	Bikaner (Rajasthan)
	<b>Total-B</b>	<b>207.14</b>	<b>200.21</b>		<b>620.99</b>		
<b>Sub Total Standalone(A+B)</b>		<b>6458.34</b>	<b>27876.49</b>		<b>41549.67</b>	<b>4.02</b>	

## Subsidiary: Projects under Operation

### Hydro

S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.2025	Tariff 24-25 (Rs./Kwh)	Type of the project
1	Indrasagar, (8x125) Madhya Pradesh	1000	1423.26	2005	4955.32	3.71	Storage
2	Omkareshwar, (8x65) Madhya Pradesh	520	736.45	2007	3094.57	4.65	Storage
	<b>Total-A</b>	<b>1520</b>	<b>2159.71</b>		<b>8049.89</b>	<b>4.03</b>	

# Subsidiary: Projects under Operation

## Renewable Energy

48

S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.2025	Tariff 24-25 (₹/unit)	Place of Project
1	Solar Power Project, Kalpi (Subsidiary - BSUL)	65	148.38	2023-24	350.46	2.68	Jalaun District (Uttar Pradesh)
2	Ground Mounted Solar PV Plant (Subsidiary – NHDC)	8	14.72	2023-24	49.16	3.22	Sanchi (Madhya Pradesh)
3	Omkareshwar Floating Solar Park (Subsidiary – NHDC)	88	204.58	2024-25	566.48	3.22	Omkareshwar (Madhya Pradesh)
4	Ground Mounted Solar Power Project in Central University of Rajasthan (Subsidiary - NREL)	0.7	1.53	2024-25	4.43	4.45	Ajmer (Rajasthan)
	<b>Total-B</b>	<b>161.70</b>	<b>369.21</b>		<b>970.53</b>		
<b>Sub Total Subsidiary (A+B)</b>		<b>1681.70</b>	<b>2528.92</b>		<b>9020.42</b>		
<b>Grand Total (Standalone+ Subsidiary)</b>		<b>8140.04</b>	<b>30405.41</b>		<b>50570.09</b>		





Thank  
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**NHPC-Energising India With Hydropower**