

## **Presentation Outline**

**NHPC Today Financial Highlights Financial Ratios** Other Business Initiatives **Projects At Glance** 



Our Vision: To be a global leading organization for sustainable development of clean power through competent, responsible and innovative values.

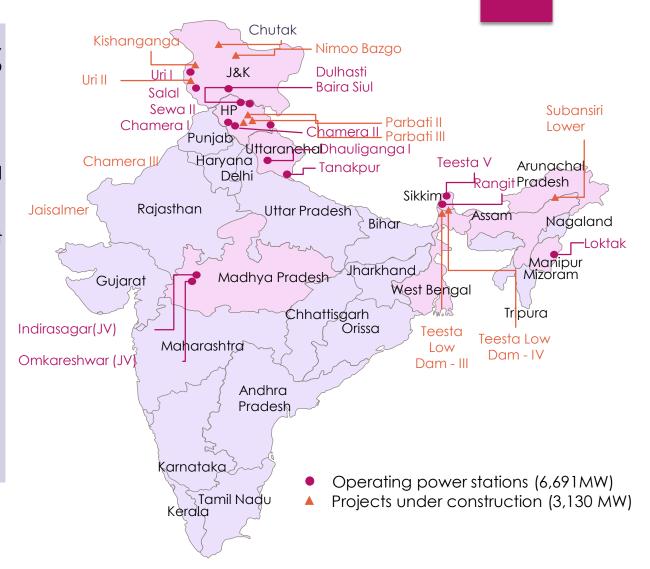
# NHPC-Today



NHPC-Energising India With Hydropower

#### PHYSICAL SNAPSHOT

- Incorporated in 1975 with authorised capital of Rs. 200 crore, the present authorised capital is Rs.15000 crore (Paid Up Capital Rs.10,259 crore)
- Mini-Ratna Category-I PSU (since Apr-08)
- 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 9 states
- 15% share of installed hydro-electric capacity in India (6,691 MW out of 44,765 MW)
- Consultancy business
- Exposure to international business opportunities





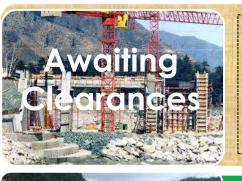
#### PHYSICAL SNAPSHOT

Installed Capacity

- Power Stations under Operation-20 Nos. (5171 MW\*)
- Power Stations with Subsidiary (NHDC) 2 Nos. (1520 MW)
- Total Operational Projects 22 Nos. (6691 MW)



Projects Under Construction 3 Nos. (3130 MW)



- **❖** Projects Awaiting Clearances: -
  - Standalone 5 Nos. (4995 MW)
  - Joint Venture 4 Nos. (2934 MW)
  - Subsidiary 1 Nos. (66 MW)



**❖** Projects under Pipeline 3 Nos. (1160 MW)



Hydro Power is 13.59% (44,765 MW) of All India Installed Capacity (3,29,298 MW\*\*).



NHPC Contribution is 14.83% of Installed Hydro Power On Consolidated Basis.

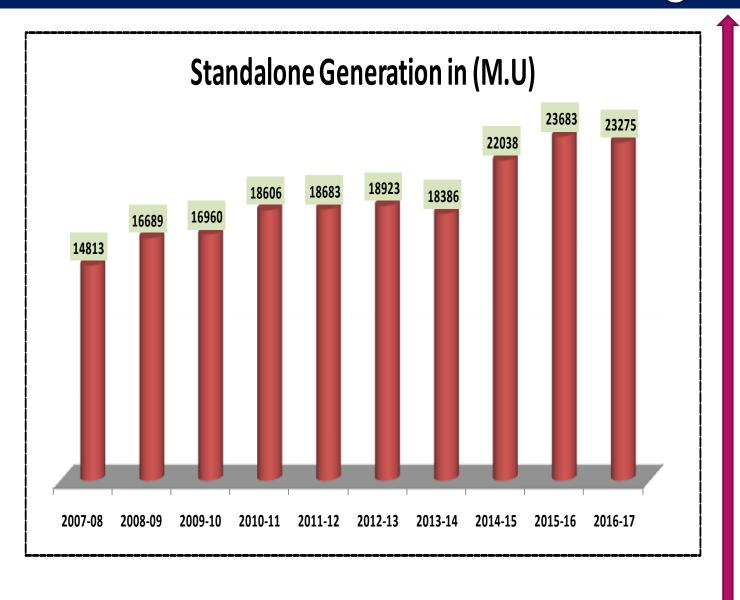
Status	Capacity (MW)		
Operational Projects	6,691		
Projects Under Construction	3,130		
Projects Under Clearance	4,995		
JV Projects	2,934		
Subsidiaries Under Clearance	66		
Projects Under Pipeline	1,160		
Total	18,976		

<sup>\*</sup> Including 50 MW Wind Power Project, Jaisalmer

\*\* Source-CEA as on 30.09.2017



### NHPC 's Track Record – A Ten Year Digest



Actual H1 FY'18

6

CountryGeneration611346 MU

• <u>Share of Hydro</u> <u>Power 81348 MU</u> (13.31%)

• Share of NHPC (Hydro)-Standalone 17300 MU (21.27%)

# Financial Highlights

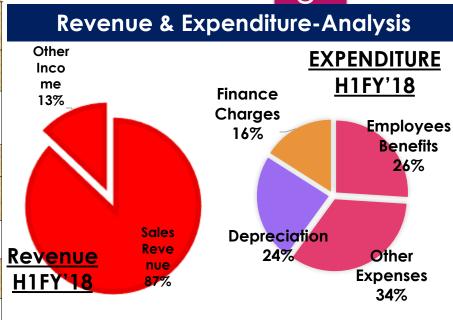




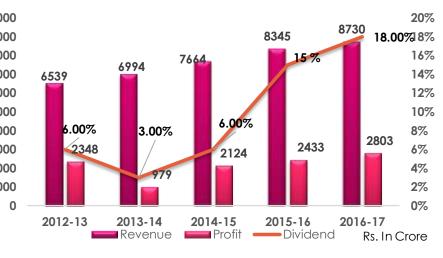
### Financial Highlights: Standalone



	FY'18	8		FY'17		% C	hange	Rs. In Crore
Particulars	Half Year	Qtr-2	Half Year	Qtr-2	Full Year	Half Year	Qtr-2	Reve
Net Sales	4297.20	1971.42	4544.88	2361.26	7191.53	-5.45	-16.51	Other Inco me
Other Income & Other Oper. Income	626.64	519.65	1096.40	919.96	1538.31	-42.85	-43.51	13%
Total Income (A)	4923.84	2491.07	5641.28	3281.22	8729.84	-12.72	-24.08	
Employee Cost	764.98	359.91	651.71	330.96	1574.92	17.38	8.75	
Depre. & Amort.	704.07	350.48	680.56	342.16	1388.40	3.45	2.43	Revenue
Other Expenses	1032.95	496.83	1032.38	512.86	1932.69	0.06	-3.13	H1FY'18
Finance Cost	476.56	235.62	554.48	279.41	1073.22	-14.05	-15.67	
Total Expenditure(B)	2978.56	1442.84	2919.13	1465.39	5969.23	2.04	-1.54	<u>Rev</u>
Rate Regu. Income <b>(C)</b>	343.55	142.59	246.39	108.45	713.99	39.43	31.48	10000 9000
PBT (A-B+C)	2288.83	1190.82	2968.54	1924.28	3474.60	-22.90	-38.12	8000 7000 6539
Tax	407.53	172.18	556.06	369.62	679.01	-26.71	-53.42	6000
Profit After Tax	1881.30	1018.64	2412.48	1554.66	2795.59	-22.02	-34.48	5000 4000 <b>6.00%</b>
Other Comprehensive Income	28.49	24.13	20.82	12.40	7.67	36.84	94.60	3000 2000 1000
Total Comprehensive Income	1909.79	1042.77	2433.30	1567.06	2803.26	-21.51	-33.46	2012-13



#### Revenue Vs. Profit Vs. Dividend



### **Statement of Assets & Liabilities**

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NHPC

Rs. In Crore

		Ω
Particulars	As On 30.09.17	As on 31.03.2017
Equity and Liabilities		
Share Holder's Funds	28749	26942
Loan Funds-Long Term	17537	17246
Deferred Tax Liabilities	930	939
Other Long term Liabilities & Provisions	1989	1985
Current Liabilities & Provisions	5530	5195
Total Equity & Liabilities	54735	52307
ASSETS		
PPE (incl. investment property)	19380	20043
Capital Work in Progress	18094	17350
Other Intangible Asset	927	934
Non Current Financial Asset	4530	4399
Non Current Assets (Others)	1210	1126
Regulatory Asset	3248	2904
Trade Receivables	2138	1493
Cash and Bank Balances	2558	1533
Current Assets (Others)	2650	2525
Total Assets	54735	52307

## **Debtors Position**



		Total Deb	Rs. In Crore				
S. N.	Particulars	As on 30.09.17	As on 30.06.17	As on 31.03.17	As on 31.12.16	As on 30.09.16	Debtors Ageing
1	Sale of Energy (Net of Provn.)		2199.39	1459.99	2320.95	2276.49	Total Debtors (Sales of Energy) -30.09.17 : 2108 Crs
2	More than 60 days (Net of Provn.)	926.99	631.84	964.28	961.36	1009.74	Less Than 60 Days: 927
	Top	p Five Debtors –	- Gross Amou	nt (in Crs.)			Days: 1181 Crs
	Name	30.09	7.17		30.06.17		
						The second secon	
		Total	More than 6 days	0 Toto	oM lr	re than 60 days	Collection Efficiency
PDD	), J&K	<b>Total</b> 686.66			685.01	The second second second second second	Collection Efficiency  Opening Debtors- 1460 Crs.
1914	O, J&K CL, UP		days	20		days	L
UPP		686.66	days 440.9	24	685.01	days	Opening Debtors- 1460 Crs.  Billing During H1 FY18- 4371Crs.
UPP BSES	CL, UP	686.66 496.10	days 440.9 237.2	20 24 32	685.01 331.53	<b>days</b> 355.46	Opening Debtors- 1460 Crs.
UPP( BSES PSP(	CL, UP S Yamuna	686.66 496.10 244.82	days 440.9 237.2	24 32	685.01 331.53 245.82	<b>days</b> 355.46	<ul> <li>Opening Debtors- 1460 Crs.</li> <li>Billing During H1 FY18- 4371Crs.</li> <li>Closing Balance- 2108 Crs.</li> </ul>
UPP( BSES PSP(	CL, UP S Yamuna CL, Punjab SEDCL	686.66 496.10 244.82	days 440.9 237.2	24 32	685.01 331.53 245.82 205.93	days 355.46 243.29	<ul> <li>Opening Debtors- 1460 Crs.</li> <li>Billing During H1 FY18- 4371Crs.</li> <li>Closing Balance- 2108 Crs.</li> <li>Collection During H1 FY18- 3723Crs.</li> </ul>
BSES PSPC WBS	CL, UP S Yamuna CL, Punjab SEDCL	686.66 496.10 244.82	days 440.9 237.2 244.8	20 24 32 50	685.01 331.53 245.82 205.93	days 355.46 243.29 15.84	<ul> <li>Opening Debtors- 1460 Crs.</li> <li>Billing During H1 FY18- 4371Crs.</li> <li>Closing Balance- 2108 Crs.</li> </ul>

106.24

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	Comparative Incentive YoY (in Crs.)										
SI.	Particulars			FY17-18					FY16-17		
		Q-1	Q-2	Q-3	Q-4	Total	Q-1	Q-2	Q-3	Q-4	Total
1	Secondary Energy	-	20.85	-	-	20.85	-	1.62	32.16	106.94	140.72
2	Incentives	172.37	144.22			316.59	135.35	143.42	10.62	18.00	307.39
3	Deviation Chrgs.	48.47	40.46	-	-	88.93	49.77	39.55	25.02	34.96	149.30
	G. Total	220.84	205.53			426.37	185.12	184.59	67.80	159.90	597.41
4	PAF	97.11%	94.08%	-	-	95.59%	92.31%	95.20%	73.72%	69.94%	82.7%

#### Supplements

Power Station With Highest PAF Incentive: URI-II (Rs. 91 Cr., PAF: 97.80%, NPAF-55%)

Power Station with highest Deviation Charges: Salal (Rs.19 Cr.)

Power Station Giving Best Generation: Chamera I (118 % of the annual design energy)

#### **Supplements**

Power Station with Highest PBT- Dulhasti (Rs. 403 Crs)

NHPC Profit per MW: Rs. 37 lakhs (H1 FY'18), Rs. 54 lakhs (FY'17)

NHPC Profit per Employee: Rs. 25 lakhs (H1 FY'18), Rs. 35 lakhs (FY'17)

### Key Financials: H-1FY'18

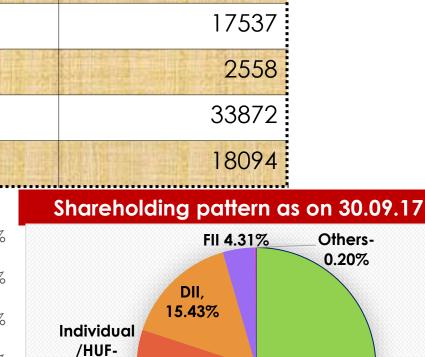


In Crore

P&L	Standalone
Total Income	4924
EBITDA	3297
EBITDA Margin	67%
Profit	1910
Profit Margin	39%
Dividend Pay Out (FY'17)	Rs 1.80 per Share/ 71% of Profit

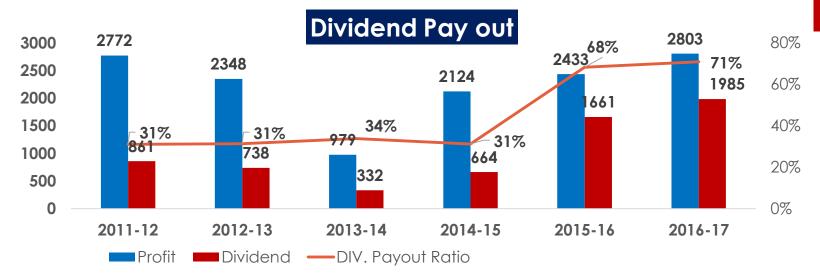
Balance Sheet	Standalone
Share Capital	10259
Net worth	28749
Long Term Debt	17537
Cash & Bank Bal.	2558
Gross Block	33872
CWIP	18094

5.56%



GOI-

74.50%



## NHPC – Key Ratios

S. No.	Particulars	H1 FY'18	FY'17	
Particul	ars	Standalone	Standalone	Consolidated
	Profit (In Cr.)	1909.79	2803.26	3036.01
2.	Net-worth (In Cr.)	28749.32	26942.13	29014.81
3.	No. of Equity Shares (In Cr.)	1025.93	1025.93	1025.93
4.	EPS	1.83	2.53*	2.74*
5.	Earning Yield #	6.42%		
6.	Dividend Per Share		1.80	
7.	Dividend Yield**	6.31%		
8.	Book Value per share	28.02	26.26	28.28
9.	PB Ratio**	1.02		
10.	PE Ratio**	15.57		
11.	Return On Net worth (%)	6.64#	10.40	10.46
12.	Market Capitalisation (In Cr.)**	29239		
13.	Debt Equity Ratio	0.66	0.70	0.65

<sup>\*</sup>Weighted Avg. no, of Shares for EPS Calculation -1106.18 Cr. # Not annualised.

<sup>\*\*</sup> Stock Price (BSE) as on 07.11.17 : Rs. 28.50



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Shareholding Pattern: 51:49 (NHPC: GoMP)

**Installed Capacity: 1520 MW** 

Design Energy: 2382.54 MU

Generation: 4748.5 MU (FY'17), 2932.89 (FY'16)

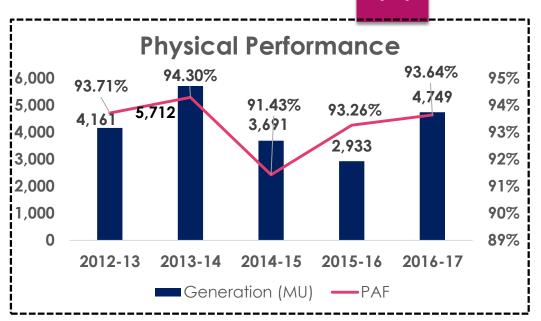
PAF: 93.64% (FY'17), 93.26% (FY16)

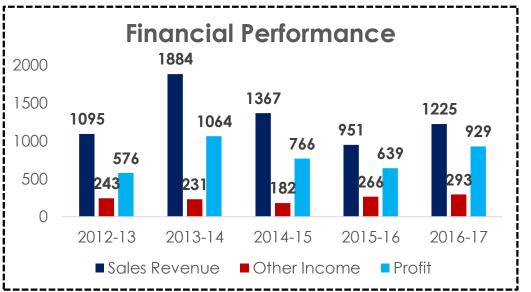
Sales Revenue: Rs. 1225 Crs. (FY'17), 951 Crs (FY'16)

Profit: 929 Crs. (FY17), 639 Crs. (FY16)

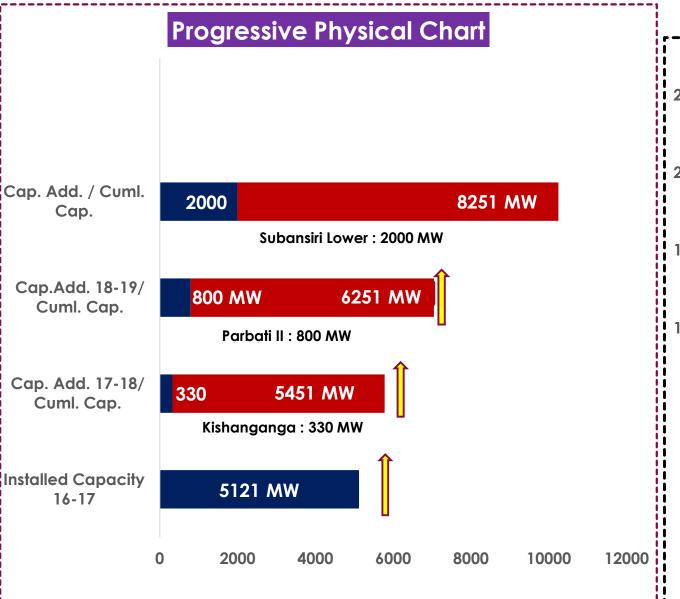
Secondary Energy: FY17-Rs. 208 Cr, FY16-Rs. 31 Cr

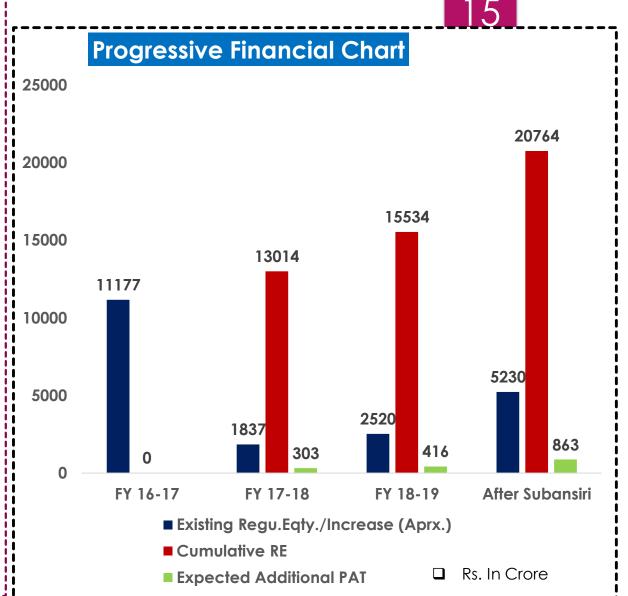
PAF Incentive: FY17- Rs. 40 crore FY16- Rs. 36 Cr.





## NHPC -Progressive Physical & Financial Schedule (Hydro)







## NHPC – Upcoming Projects



#### Pre-PIB Clearance for the following two projects

S. No.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Crore) & PL	Status
1	Teesta-IV (4x130) (Sikkim)	520	2373	5674 (July17)	All statutory clearances received except forest clearance (stage-II) for want of FRA compliances. Approval of pre-investment activities conveyed by MoP on 03.05.2016. PIB process has been initiated.
2.	Tawang –II (4x200) (Ar. Pradesh)	800	3622	7588 (Sep. 15)	All statutory clearances received except forest clearance (stage-II) for want of FRA Compliance. Approval of pre-investment activities accorded by MoP on 28.07.16.
	Total	1320	5995	13262	

### NHPC - FY'18 & XIIm Plan CAPEX

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F.Y	Amount (Rs. In Crore)	Remarks
2012-13	3307	(Actual)
2013-14	3219	(Actual)
2014-15	2615	(Actual)
2015-16	2793	(Actual)
2016-17	2438	(Actual)
2017-18	3089	BE





Going Forward CAPEX is expected to be higher after resumption of active Construction works at Subansiri Lower Project and clearance of pipelined projects.



### NHPC – Major Highlights 17-18

- ❖ Achieved generation of 17350 MU during H1 FY'18 against Excellent MOU target of 16863MU.
- Synchronization of Unit # I of Parbati HE Project, Statge-2 (800MW) in Himachal Pradesh on part load has been achieved successfully on 29.07.2017.
- Award of EPC Contract to M/s Larson & Turbo for development of 50 MW Solar Power Project located in Theni & Dindigul Distrct of Tamilnadu.
- ❖ 3<sup>rd</sup> International Day of Yoga was celebrated across all NHPC locations on 21.06.2017 with great enthusiasm and participation.
- MoU for the year 2017-18 with Ministry of Power (MoP), Govt. of India was signed on 20.06.2017.
- Foundation stone of Hydro Engineering College, Bilaspur was laid by the Hon'ble Prime Minister of India on 27.04.2017 at Shimla, HP. NHPC & NTPC as a industry partner contributing for establishment of this college.

## Other Business Initiative

- **☐** Wind Energy
- **□**Solar Energy
- ☐ Thermal Energy



#### 72 MW Wind Power Project in Palakkad District of Kerala

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- MOU signed with Government of Kerala on 06.01.2014 for development of wind energy project of 82MW in Palakkad District of Kerala on BOOT basis. Assessed Potential is 72 MW.
- National Institute of Wind Energy prepared draft DPR of the project in Aug-14.
- Comments from State Renewable Agency and KSEB incorporated in DPR.
- Final DPR accepted on 03.10.2015.

Current Status: Allotment of Land for phase 1 by State Govt. is under process. Signing of PPA by KSEB is awaited. Bidding process initiated.



#### 12.5 MW Wind Power Project in Andhra Pradesh

- MOU signed with APTRANSCO on 08.03.2017 for Required Land for the project is under possession of development of wind energy project of 12.5 MW in Anantapur District of AP.
  - NHPC since 12.04.2017.

Current Status: EPC bidding & Signing of PPA are under progress.



### Other Business Initiative – Solar Energy



#### 50 MW Solar Power Project in Tamil Nadu

Award of EPC Contract for 50MW Solar Power Project in Tamilnadu to M/s Larson & Turbo.	Awarded Cost- Rs. 287.48 crore (including 10 years O&M)
Expected Commissioning : FY 2017-18	Preferential Tariff (FY 2017-18): Rs. 4.41 per unit
Capacity Utilization Factor: 24.19%	Minimum Annual Generation: 105.96 MU
Schedule Life of the Project: 25 Years	Current Status: Construction work in Progress



#### 32 MW Solar Power Project in Jalaun, Uttar Pradesh

> JVC of NHPC Ltd. & UPNEDA namely 'Bundelkhand Saur | Share of NHPC & UPNEDA: >=74:<=26 Urja Limited' formed on 02.02.2015

Current Status: EPC Bidding & Signing of PPA under Progress. Registry of 63.491 Ha land in the name of BSUL has been done on 21.03.2017



#### Other Business Initiative

#### **Thermal Power**



#### MOU With BSPGCL & PIRPAINTI BIJLEE COMPANY 1320 MW (660x2)

- Supercritical Thermal Power Plant with installed capacity of 1320 MW (2\*660) to be developed through JVC in Pirpainti, Bhagalpur, Bihar.
- MoU has been signed on 22.02.2014 amongst NHPC Ltd, Bihar State Power Generation Company Limited (BSPGCL) and Pirpainti Bijlee Company Pvt Limited (PBCPL).
- NHPC will acquire 74% stake in PBCPL.
- **Current Status:** PIB is under examination by Ministry of Power. Govt. of Bihar has applied for allocation of separate coal blocks to Pirpainti Project on 21.10.2016 to Ministry of Coal.



# NHPC Projects At A Glance





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S. No	NHPC Project & State	Installed Capacity (MW)	Design Energy (MU)	Year of comm.	Capital Cost as on 31.03.17	Tariff (17-18) (Rs. /Kwh)	Type of the project
1	Baira Siul (3x60) Himachal Pradesh	180	779.28	1981 (Sep)	208.13	1.93	Run of River (ROR) with small pondage
2	Loktak, (3*35) Manipur	105	448.00	1983 (May)	179.65	3.85	Storage
3	Salal, (6x115) Jammu & Kashmir	690	3082.00	1987 (Nov)	972.22	2.29	ROR
4	Tanakpur, (3x40) Uttarakhand	94	452.19	1992 (Apr)	421.28	3.14	ROR
5	Chamera-I, (3x180) Himachal Pradesh	540	1664.55	1994 (Apr)	2094.43	2.22	Storage
6	Uri-I, (4x120) Jammu & Kashmir	480	2587.38	1997 (Apr)	3440.77	2.08	ROR
7	Rangit, (3*20) Sikkim	60	338.61	2000 (Feb)	494.99	3.66	ROR with small pondage
8	Chamera-II, (3*100) Himachal Pradesh	300	1499.89	2004 (Feb)	2009.80	1.98	ROR with small pondage
9	Dhauliganga-I, (4x70) Uttarakhand	280	1134.69	2005 (Oct)	1753.82	3.02	ROR with small pondage.
10	Dulhasti, (3x130) Jammu & Kashmir	390	1906.8	2007 (Mar)	5217.20	6.07	ROR with small pondage

## NHPC – Projects in Operation... contd.



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S.No.	NHPC Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.17	Tariff (17-18) (Rs. /Kwh)	Type of the project
11	Teesta-V, (3x170) Sikkim	510	2573.00	2008 (Mar)	2776.29	2.32	ROR with small pondage
12	Sewa-II, (3x40) Jammu & Kashmir	120	533.52	2010 (Jun)	1155.62	4.52	ROR with small pondage
13	Chamera-III , (3*77) Himachal Pradesh	231	1108.17	2012 (Jun)	2140.57	4.25	ROR with small pondage
14	Chutak , (4x11) Jammu & Kashmir	44	212.93	2013 (Jan)	939.90	8.46	ROR
15	TLDP-III, (4x33) West Bengal	132	594.42	2013 (Mar)	2083.28	6.20	ROR with small pondage
16	Nimoo Bazgo, (3x15) Jammu & Kashmir	45	239.00	2013 (Jan)	1053.75	9.86	ROR with small pondage
17	Uri –II, (4x60) Jammu & Kashmir	240	1123.76	2014 (Feb)	2430.77	5.69	ROR
18	Parbati-III (4x130) Himachal Pradesh	520	701.40	2014 (May)	2746.15	5.48	ROR with small pondage
19	TLDP IV (4*40), West Bengal	160	720.00	2016 (Aug)	1793.24*	2.89	Run of River with small poundage
	Total-A	5121	21699.59		33911.86	3.38	

## NHPC – Operational Projects with Subsidiary

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HPC

S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Completion Cost	Tariff 16-17 (Rs./Kwh)	Type of the project
1	Indrasagar, (8x125) Madhya Pradesh	1000	1628.85	2005	4596.16	3.73	Storage
2	Omkareshwar, (8x65) Madhya Pradesh	520	753.69	2007	3031.76	5.48	Storage
	Total-B	1520	2382.54		7627.92		

## NHPC- Renewable Energy

S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Completion Cost	Tariff 17-18 (Rs./unit)	Type of the project
1	Lakhmana, (2*25)Jaisalmer	50	94.25	2016	302.50	3.43 *	Wind Power Project
	Total-C	50	94.25		302.50		

Grand 6691 Total(A+B+C) 24176.38

\* Excluding GBI of Rs. 0.50 per unit & Renewal Energy Certificate

## NHPC: Projects Under Construction



NHPC Project	Installed Capacity (MW)	Design Energy (MU)	Type of the project	CCEA Estimated Cost (Rs. Crore) (Price Level)	Anticipated Project Cost (Rs. Crore)	Provisional Project Expenditure till –Sep'17 (Rs. Crore)	Expected Commissioning Schedule
Subansiri Lower (250X8) Assam/ Ar. Pradesh	2000	7421	Reservoir	6285.33 (Dec02)	17435.15 (Feb16)	9470.18	Shall be finalized after resumption of works
Parbati II (200x4) Himachal Pradesh	800	3108.66	Run of River with small pondage	3919.59 (Dec01)	8398.75 (Mar15)	6503.48	FY 18-19 (Q-3)
Kishanganga (110x3) Jammu & Kashmir	330	1350	Run of River with small pondage	3642.04 (Sep07)	5882.01 (Jan17)	5052.02	FY 17-18 (Q-4)
Total-A	3130	11879.66		13846.96	31715.91	21025.68	

## NHPC Standalone Projects Under Clearance



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S.No.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Crore) & PL	Status
1	Kotli Bhel–IA (3x65) (Uttarakhand)	195	1025.50	2092 (May 13)	In the PIB Meeting on 23 <sup>rd</sup> Oct'13, project was recommended for investment subject to clearance from Hon'ble SC for Uttarakhand Projects. Decision of Hon'ble SC is awaited.
2	Teesta-IV (4x130) (Sikkim)	520	2373	5674 (July 17)	All statutory clearances received except forest clearance (stage-II) for want of FRA compliances. Approval of pre-investment activities conveyed by MoP on 03.05.2016. PIB process has been initiated.
3	Dibang (12x240) (Ar. Pradesh)	2880	11223	26058 (July 17)	Ministry of Environment, Forest & Climate Change, Govt. of India has accorded Forest Clearance (stage-1) and Environment Clearance on 15.04.15 & 19.05.15 respectively. Updated DPR with reduction of Dam height by 10 meter prepared and submitted on 15.09.16. Final DPR submitted on 09.06.2017 & concurrence accorded by CEA on 18.09.2017. Draft PIB memo for implementation of project submitted on 23.10.2017.
4	Tawang –I (3x200) (Ar. Pradesh)	600	2963	6173 (Dec 16)	All statutory Clearances have been received except Forest clearance for want of compliance under FRA 2006 and Basin Study Report which has been submitted and accepted. After receipt of Forest Clearance (Stage-I), the process for PIB / CCEA shall be initiated. PIB for pre investment activities circulated by MoP on 16.03.2017.
5	Tawang –II (4x200) (Ar. Pradesh)	800	3622	7588 (Sep 15)	All statutory clearances received except forest clearance (stage-II) for want of FRA Compliance. Approval of pre-investment activities by MoP accorded on 28.07.16
	Total	4995	21206.50	47585	

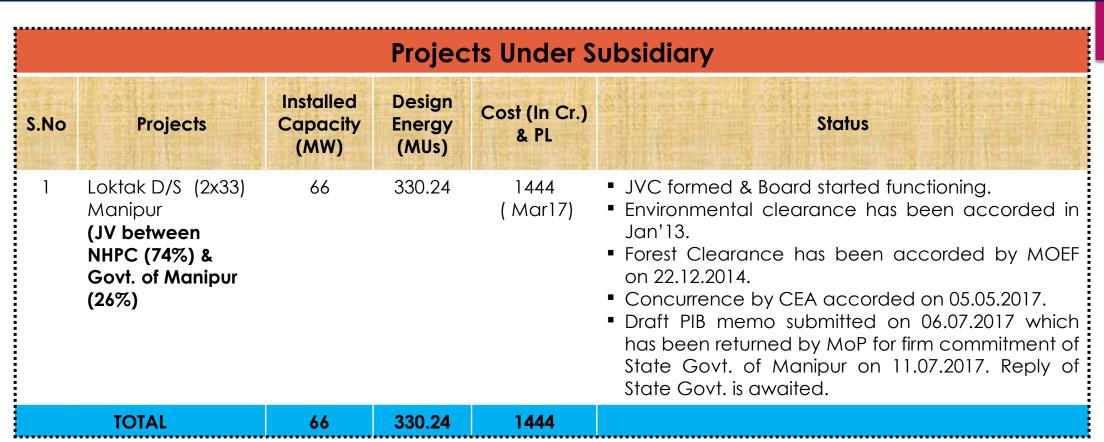
## NHPC –JV Projects Under Clearance



	Projects Under JV										
S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Status						
1	Chenab valley Pov	wer Projects Ltd. (J	V between NH	PC (49%) JKSI	PDC (49%), & PTC (2%)						
i)	Pakal Dul (4x250) J&K	1000	3330.18		MoP vide letter dated 28.10.14 conveyed the Cabinet sanction for investment for Pakaldul. Bidding process for award is under progress.						
ii)	Kir∪ (4x156) J&K	624	2272.02	4605 (May17)	Appraisal of DPR accorded by CEA on 13.06.16. Forest Clearance accorded by State Forest Department of Govt. of J&K on 19.05.16. Environment Clearance accorded by MoEF &CC on 24.06.16. Draft PIB note seeking recommendation for implementation of Kiru Project & infusion of equity by NHPC submitted to MoP on 10.08.2017.						
iii)	Kwar (4x135) J&K	540	1975.54	4949 (Apr16)	Environment Clearance accorded by MoEF on 10.04.17. Forest Clearance accorded by State Forest Department on 08.08.2014. Appraisal of DPR accorded by CEA on 23.02.17. Draft PIB note seeking recommendation for implementation of Kwar Project by NHPC is under process.						
	TOTAL	2164	7577.74	17666							

Loreid	roreign Assignment under JV scheme								
1	Chamkharchhu (Bhutan)	770	3344.47	6187 (Dec 16)	<ul> <li>Project to be developed by JVC of NHPC and DRUKGreen Power Corporation, Bhutan.</li> </ul>				
					<ul> <li>Joint venture Agreement cum Share Holder's Agreement of proposed JV Company is ready for signing.</li> </ul>				
					<ul> <li>Revised draft material for PIB Memorandum submitted to MoP on 23.06.2017 &amp; PIB memo circulated by MoP on 08.09.2017.</li> </ul>				
J	V Grand Total	2934	10922.21	23853					

## NHPC -Subsidiary Under Clearance



## NHPC –Projects Under Pipeline

S. No.	Projects	State	Installed Capacity (MW)							
Projects Under FR/DPR Preparation										
1	Bursar*	Jammu & Kashmir	800							
2	Dhauliganga Intermediate	Uttarakhand	210							
3	Gauriganga-III A	Uttarakhand	150							
	Total		1160							

<sup>\*</sup>DPR submitted to CEA on 06.01.2017 & the same is under examination at CEA/CWC.







