



**एनएचपीसी लिमिटेड**  
(भारत सरकार का उद्यम)

**NHPC Limited**  
(A Government of India Enterprise)

फोन/Phone : \_\_\_\_\_

दिनांक/Date : \_\_\_\_\_

संदर्भ सं./Ref. No. \_\_\_\_\_

**NH/CS/199/**

**31.05.2019**

<p>Manager The Listing Department, M/s BSE Limited, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai-400001 मैनेजर, लिस्टिंग विभाग, बीएसई लिमिटेड पि.जे. टावर्स, दलाल स्ट्रीट, मुंबई- 400 001 Scrip Code: 533098</p>	<p>General Manager The Listing Department M/s National Stock Exchange of India Limited, Exchange Plaza, Bandra Kurla Complex, Bandra(E), Mumbai- 400051 महाप्रबंधक, लिस्टिंग विभाग, नेशनल स्टॉक एक्सचेंज ऑफ इंडिया लिमिटेड एक्सचेंज प्लाजा, बांद्रा कुर्ला कॉम्प्लेक्स, बांद्रा (ई), मुंबई - 400 051 Scrip Code: NHPC</p>
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**ISIN No. INE848E01016**

**Sub: Analyst Meet Presentation under Regulation 30 of SEBI (LODR) Regulation, 2015**

**विषय: सेबी (LODR) विनियम, 2015 के विनियम 30 के तहत विश्लेषकों की बैठक में दी गयी प्रस्तुति**

Sirs/महोदय,

In compliance to Regulation 30 of SEBI (Listing Obligations & Disclosure Requirements) Regulations, 2015, it is to inform that Annual Analyst Meet of NHPC Limited was held on 30.05.2019 at Mumbai to discuss the Q4 and FY 2018-19 results. A copy of presentation given at Analysts meet is enclosed and will also be available on NHPC website: [www.nhpcindia.com](http://www.nhpcindia.com).

This is for your information and record.

सेबी (लिस्टिंग दायित्व और प्रकटीकरण की आवश्यकता) विनियम, 2015 के विनियम 30 के अनुसार यह सूचित किया जाता है की एनएचपीसी लिमिटेड के वार्षिक विश्लेषकों की बैठक Q4 और वित्त वर्ष 2018-19 के परिणामों पर चर्चा करने के लिए मुंबई में दिनांक 30.05.2019 को आयोजित की गई थी। इस सम्बंध में विश्लेषकों की बैठक में दी गई प्रस्तुति की एक प्रति संलग्न है। यह प्रस्तुति एनएचपीसी की वेबसाइट [www.nhpcindia.com](http://www.nhpcindia.com) पर भी उपलब्ध किया जाएगा।

यह आपकी जानकारी और रिकॉर्ड के लिए है।

धन्यवाद।

संलग्न: उपरोक्त अनुसार

भवदीय,

(विजय गुप्ता)  
कंपनी सचिव

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-33, फरीदाबाद - 121 003, हरियाणा

Regd. Office : NHPC Office Complex, Sector-33, Faridabad - 121 003, Haryana

CIN : L40101HR1975GOI032564; Website : [www.nhpcindia.com](http://www.nhpcindia.com)

E-mail : [webmaster@nhpc.nic.in](mailto:webmaster@nhpc.nic.in); EPABX No. : 0129-2588110/2588500

बिजली से संबंधित शिकायतों के लिए 1912 डायल करें। Dial 1912 for Complaints on Electricity



# INVESTOR PRESENTATION FINANCIAL YEAR 18-19 : MARCH'2019



# Presentation Outline

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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.**



Subansiri Lower Project



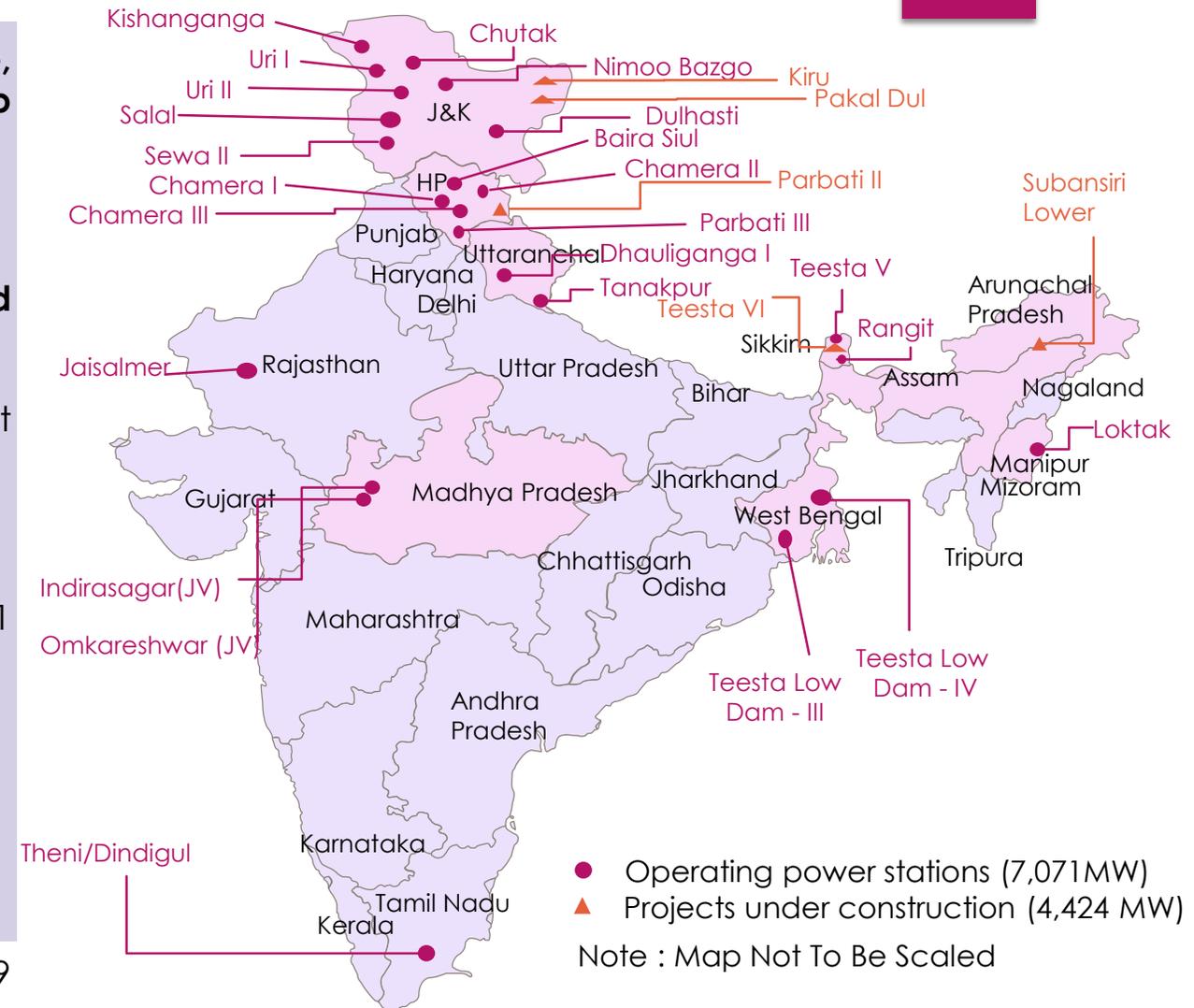
Teesta V, Sikkim

# PHYSICAL SNAPSHOT

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- Incorporated in 1975 with authorised capital of Rs. 200 crore, the present authorised capital is Rs.15000 crore (Paid Up Capital Rs.10,045 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 11 states.
  - 15% share of installed hydro-electric capacity in India (6,971 MW out of 45,399 MW\*).
  - Consultancy business.
  - Power trading business.
  - Exposure to international business opportunities.

\* Source-CEA as on 31.03.2019



7071 MW installed capacity (6971 MW Hydro & 100 MW Renewable Energy) through 24 power stations



# PHYSICAL SNAPSHOT

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## Installed Capacity

- ❖ Power Stations under Operation-22 Nos. (5551 MW\*)
- ❖ Power Stations with Subsidiary (NHDC) - 2 Nos. (1520 MW)
- ❖ Total Operational Projects – 24 Nos. (7071 MW)

## Under Construction

- ❖ Projects Under Construction (including JV) :-
  - Hydro - 4 Nos. (4424 MW)

## Awaiting Clearances

- ❖ Projects Awaiting Clearances : -
  - Standalone - 5 Nos. (4995 MW)
  - Joint Venture - 3 Nos. (2160 MW)
  - Subsidiary – 1 No. (66 MW)
  - Under NCLT – 1 No. (500 MW)

## Under Pipeline

- ❖ Projects under Pipeline 1 No. (800 MW)

Hydro Power is 13% (45399 MW) of All India Installed Capacity (356100 MW\*\*).

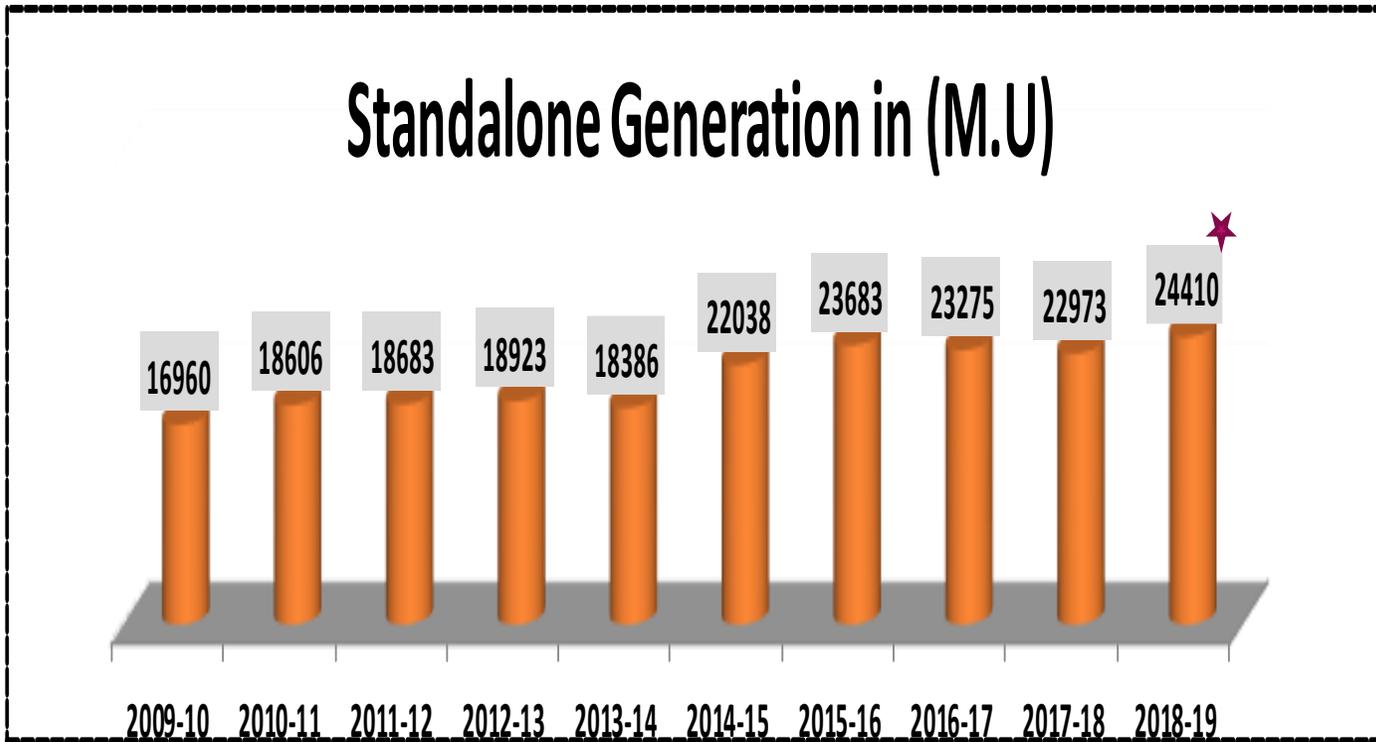
NHPC Contribution is 15% of Installed Hydro Power On Consolidated Basis.

Status	Capacity (MW)
Operational Projects	7,071
Projects Under Construction (including JV)	4,424
Projects Under Clearance:	
Stand alone	4,995
JV Projects	2,160
Subsidiaries	66
NCLT	500
Projects Under Pipeline	800
<b>Total</b>	<b>20,016</b>

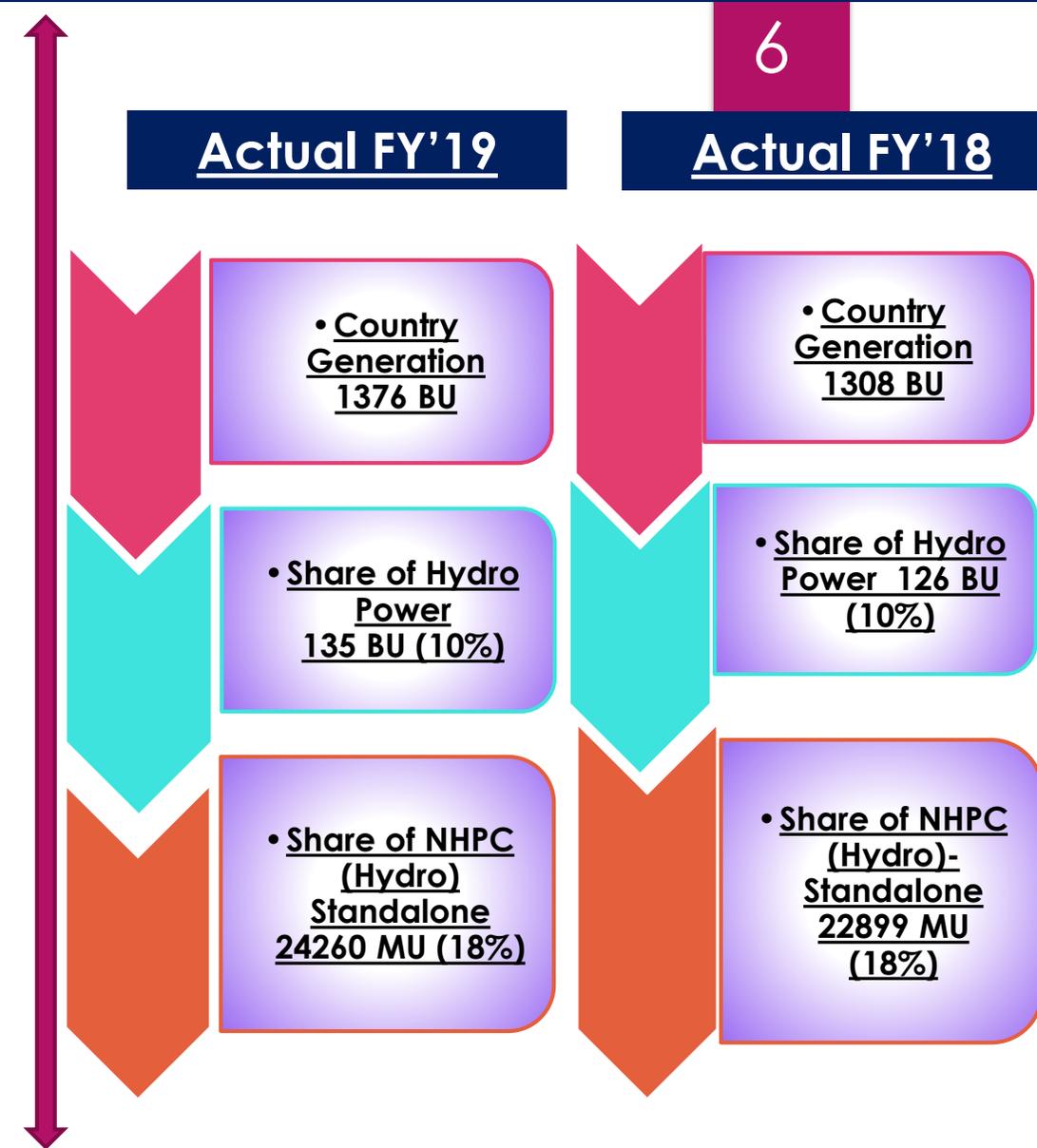
\* Including 50 MW Wind Power Project, Jaisalmer & 50 MW Solar Power Project, Tamilnadu.

\*\* Source-CEA as on 31.03.2019.

# NHPC 's Track Record – A Ten Year Digest



★ Hydro: 24260 MU, Wind: 67 MU & Solar: 83 MU.



# Financial Highlights



Sewa II, J&K



Chamera I, Himachal

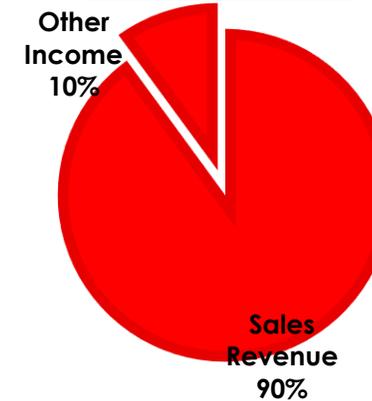
Clean Power For Every Home

# Financial Highlights : Standalone

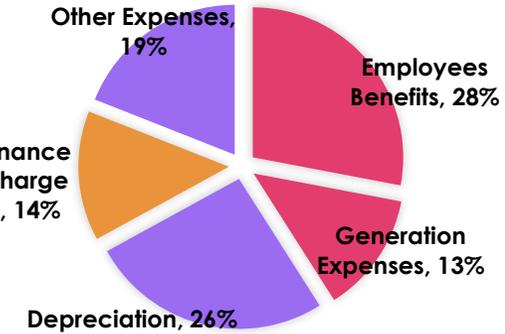
Particulars	FY'19		FY'18		% Change	
	12 Months	Qtr-4	12 Months	Qtr-4	12 Months	Qtr-4
Revenue from Operation	8161.18	1950.34	6938.22	1137.34	17.63	71.48
Other Income	924.78	235.91	1420.55	268.73	-34.90	-12.21
<b>Total Income (A)</b>	<b>9085.96</b>	<b>2186.25</b>	<b>8358.77</b>	<b>1406.07</b>	<b>8.70</b>	<b>55.49</b>
Purchase of Power - Trading	12.68	12.68	0.00	0.00		
Generation Expenses	796.85	152.58	716.39	84.71	11.23	80.12
Employee Benefits Expense	1704.65	440.23	1535.89	433.22	10.99	1.62
Finance Costs	894.88	222.81	922.32	217.85	-2.98	2.28
Depre. & Amort. Expense	1589.99	411.45	1395.51	344.52	13.94	19.43
Other Expenses	1165.53	361.70	972.36	233.03	19.87	55.22
<b>Total Expenditure(B)</b>	<b>6164.58</b>	<b>1601.45</b>	<b>5542.47</b>	<b>1313.33</b>	<b>11.22</b>	<b>21.94</b>
Rate Regu. Income (C)	823.40	570.05	62.33	-161.33	1221.03	453.34
<b>PBT (A-B+C)</b>	<b>3744.78</b>	<b>1154.85</b>	<b>2878.63</b>	<b>-68.59</b>	<b>30.09</b>	<b>1783.70</b>
Tax	1114.23	662.56	109.60	-268.39	916.63	346.86
<b>Profit After Tax</b>	<b>2630.55</b>	<b>492.29</b>	<b>2769.03</b>	<b>199.80</b>	<b>-5.00</b>	<b>146.39</b>

## Revenue & Expenditure-Analysis

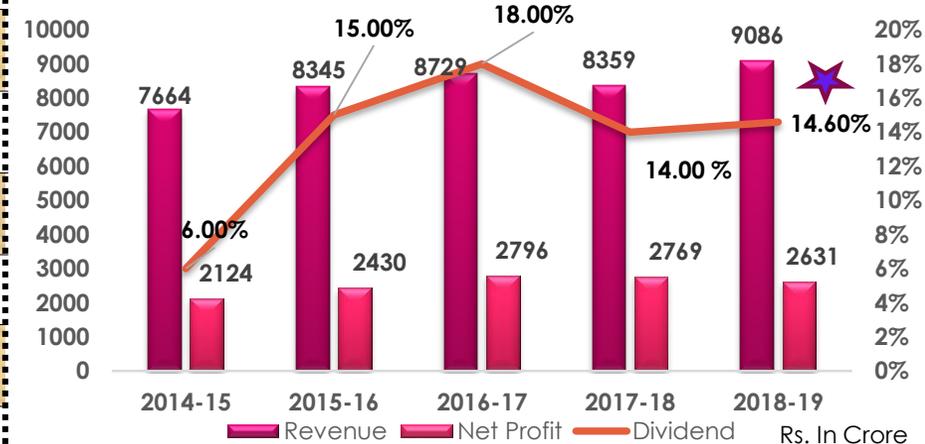
Revenue FY'19



Expenditure FY'19



## Revenue Vs. Net Profit Vs. Dividend



★ Interim Dividend - 7.10% & Final Dividend 7.50%.

# Statement of Assets & Liabilities

Rs. In Crore

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<b>Equity and Liabilities</b>	<b>FY'19</b>	<b>FY'18</b>
Share Holder's Funds	29214.73	28351.82
Loan Funds-Long Term	17044.63	16728.20
Deferred Tax Liabilities	3610.63	3145.39
Other Long term Liabilities & Provisions	3910.44	1688.94
Current Liabilities & Provisions	5828.94	5653.25
<b>Total Equity &amp; Liabilities</b>	<b>59609.37</b>	<b>55567.60</b>
<b>ASSETS</b>		
PPE (incl. investment property)	22945.18	19094.60
Capital Work in Progress	14898.11	18813.96
Other Intangible Asset	906.66	923.38
Non Current Financial Asset	6636.74	4667.17
Non Current Assets (Others)	2153.30	1961.31
Regulatory Asset	6492.61	5669.21
Trade Receivables	2623.09	1097.07
Cash and Bank Balances	390.63	1472.39
Current Assets (Others)	2563.05	1868.51
<b>Total Assets</b>	<b>59609.37</b>	<b>55567.60</b>

# Debtors Position

Rs. In Crore



## Total Debtors (in Crs.)

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S. N.	Particulars	As on 31.03.19	As on 31.12.18	As on 30.09.18	As on 30.06.18	As on 31.03.18
1	Trade Receivables	2623	2627	2490	1811	1097
2	More than 60 days (Net of Provn.)	1575	1894	1339	845	888

## Top Five Debtors (in Crs.)

Name	31.03.19		31.03.18	
	Total	More than 60 days	Total	More than 60 days
PDD, J&K	977	684	597	514
UPPCL, UP	780	573	88	-
BSES Yamuna	241	215	334	334
PSPCL, Punjab	188	34	49	-
WBSEDCL	107	-	79	1

# Incentives Position

## Comparative Incentive YoY (in Crs.)

Sl.	Particulars	FY18-19					FY17-18				
		Q-1	Q-2	Q-3	Q-4	Total	Q-1	Q-2	Q-3	Q-4	Total
1	Secondary Energy	-	-	40.11	127.45	<b>167.56</b>	-	20.85	46.12	58.17	<b>125.14</b>
2	Incentives	155.87	155.78	81.76	42.57	<b>435.98</b>	172.37	144.22	9.81	9.08	<b>335.48</b>
3	Deviation Chrgs.	61.90	47.68	66.02	9.45	<b>185.05</b>	48.47	40.46	52.31	40.90	<b>182.14</b>
	<b>G. Total</b>	<b>217.77</b>	<b>203.46</b>	<b>187.89</b>	<b>179.47</b>	<b>788.59</b>	<b>220.84</b>	<b>205.53</b>	<b>108.24</b>	<b>108.15</b>	<b>642.76</b>
4	<b>PAF</b>	<b>92.32%</b>	<b>92.88%</b>	<b>79.26%</b>	<b>74.07%</b>	<b>84.84%</b>	<b>97.22%</b>	<b>94.40%</b>	<b>76.57%</b>	<b>73.13%</b>	<b>85.32%</b>

### Supplements

Power Station With Highest PAF Incentive : URI-II (Rs. 147 Cr., PAF : 90.2%, NAPAF-55%)

Power Station with highest Deviation Charges: Salal (Rs. 48 Cr.)

Power Station Giving Best Generation : Chamera-I (149% of the annual design energy)

### Supplements

Power Station with Highest PBT- Dulhasti (Rs. 557 Crs)

NHPC Profit per MW: Rs. 47 lakhs (FY'19), Rs. 50 lakhs (FY'18)

NHPC Profit per Employee: Rs. 39 lakhs (FY'19), Rs. 38 lakhs (FY'18)

# Key Financials : FY'19

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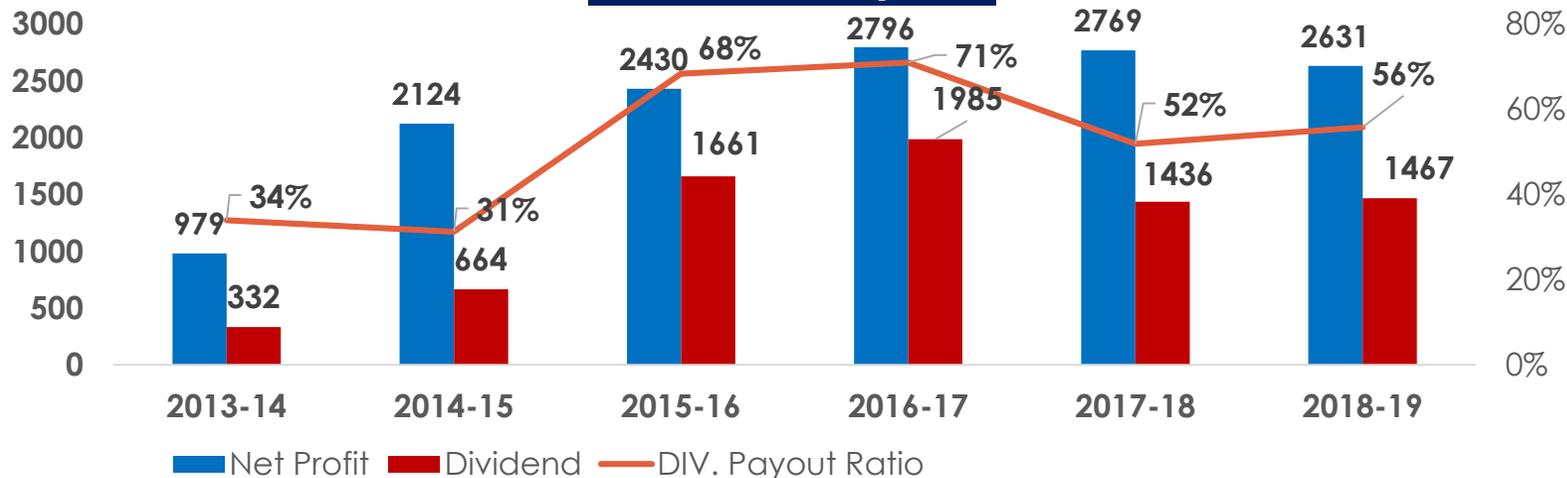
₹ In Crore

P&L	Standalone
Total Income	9086
EBITDA	6151
EBITDA Margin*	68%
PAT	2631
Profit Margin	29%
Dividend Pay Out (FY'19)	Rs. 1.46 Per Share/ 56% of Profit

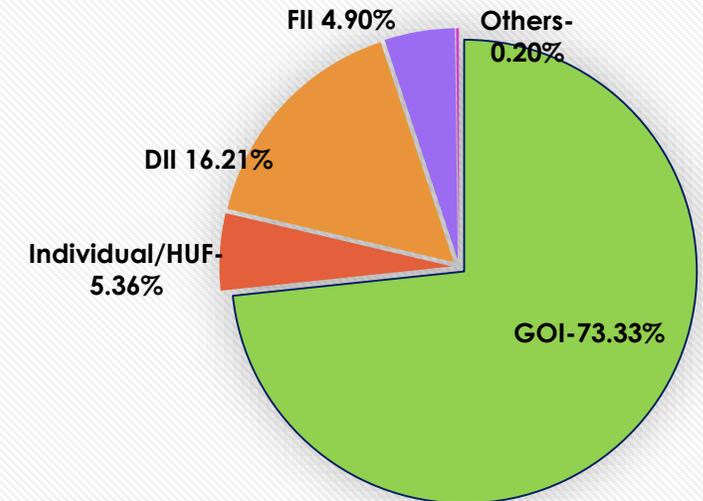
Balance Sheet	Standalone
Share Capital	10045
Net worth	29215
Long Term Debt	17045
Cash & Bank Bal.	391
Gross Block	39610
CWIP	14898

\* EBITDA calculation doesn't include Finance Charges of Rs. 77 Crore, Depreciation of Rs. 2 Crore and Other Income of Rs.21 Crore which pertains to Subansiri Lower Project.

## Dividend Pay out



## Shareholding pattern as on 31.03.19



S. No.	Particulars	FY'19		FY'18	
		Standalone	Consolidated	Standalone	Consolidated
1.	PAT (In Cr.)	2630.55	2595.61	2769.03	2513.90
2.	Net-worth (In Cr.)	29214.73	30797.81	28351.82	30041.19
3.	No. of Equity Shares	1004.50	1004.50	1025.93	1025.93
4.	EPS	2.57*	2.54*	2.70	2.45
5.	Earning Yield(%)**	11.15	11.02	9.76	8.86
6.	Dividend Per Share	1.46		1.40	
7.	Dividend Yield(%)**	6.33		5.06	
8.	Book Value per share	29.08	30.66	27.64	29.28
9.	PB Ratio**	0.79	0.75	1.00	0.94
10.	PE Ratio**	8.97	9.07	10.24	11.29
11.	Return On Net worth (%)	9.00	8.43	9.77	8.37
12.	Market Capitalisation (In Cr.)**	23154		28367	
13.	Debt Equity Ratio	0.71	0.67	0.65	0.61

\*Weighted Avg. no. of Shares for EPS Calculation (FY'19) -1021.88 Cr.

\*\* Stock Price (BSE): as on 24.05.19 Rs. 23.05 & as on 31.03.18 Rs. 27.65

# NHDC Ltd. (Subsidiary) – Snapshots : FY18-19

Shareholding Pattern : 51:49 (NHPC : GoMP)

Installed Capacity : 1520 MW

Design Energy : 2120.17 MU

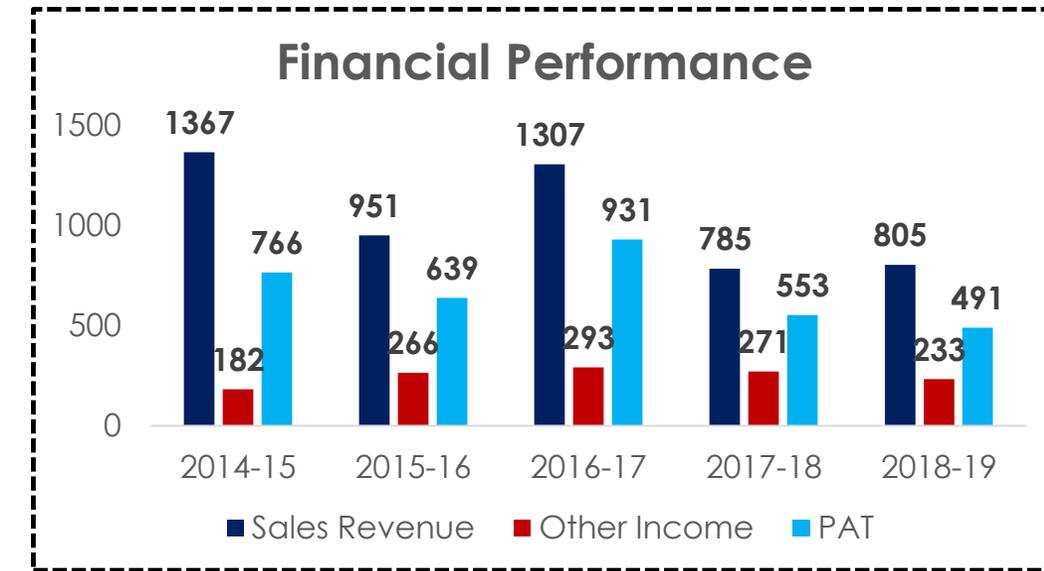
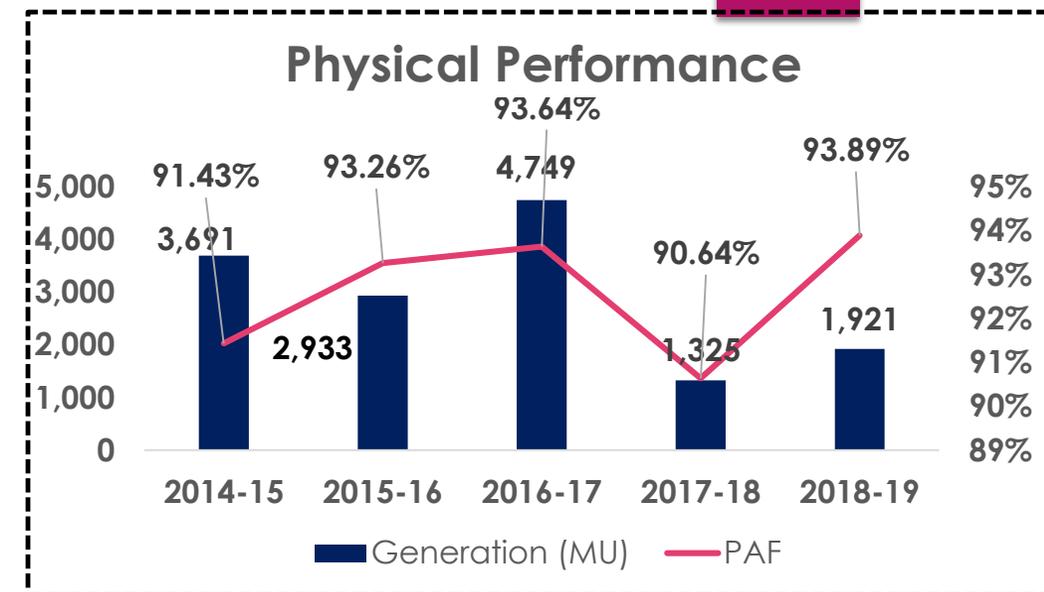
Generation : 1921.23 MU (FY'19), 1325.25 (FY'18)

PAF : 93.89% (FY'19), 90.64% (FY18)

Revenue from operations : Rs. 805 Crs. (FY'19), 785 Crs (FY'18)

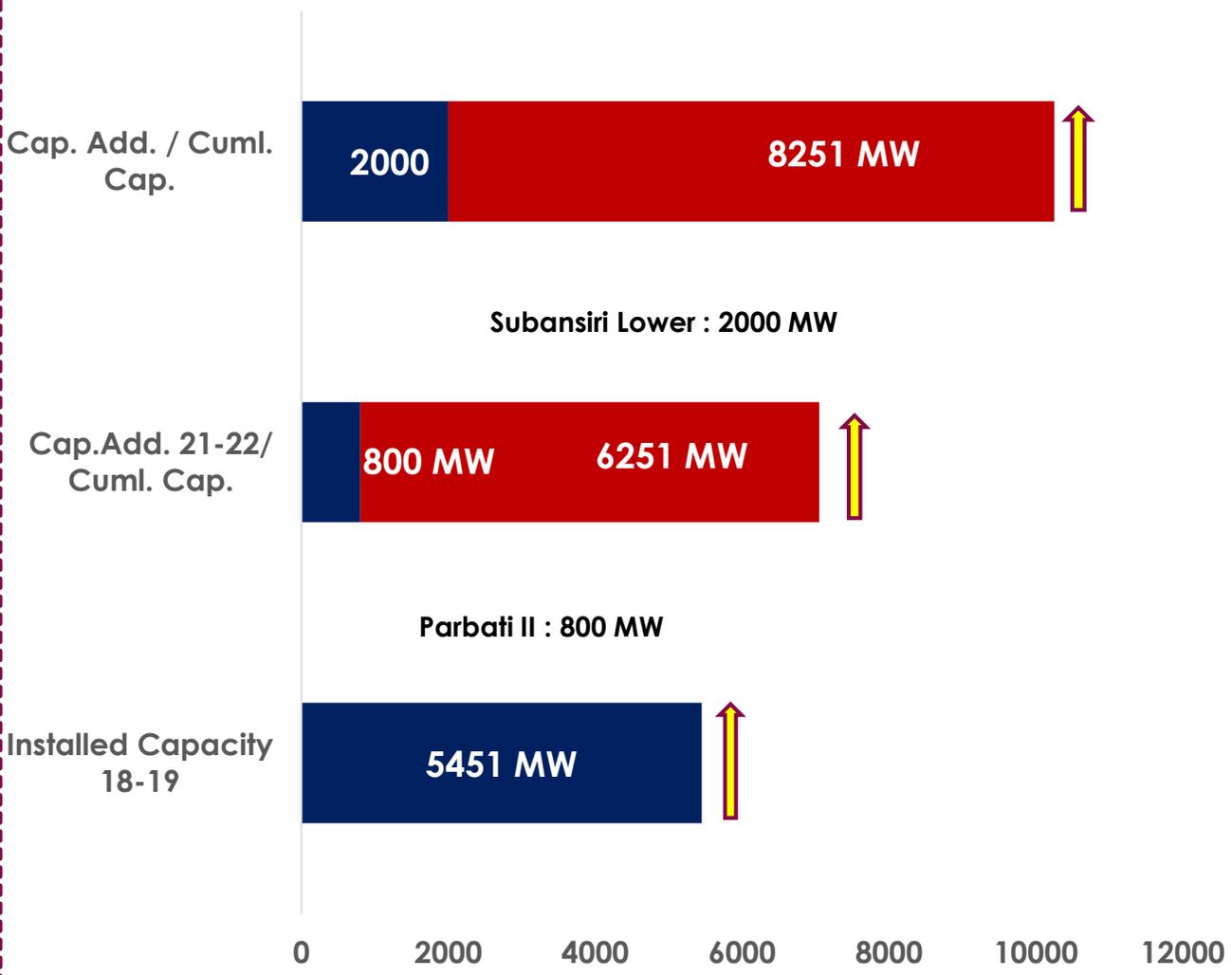
PAT : 491 Crs. (FY19), 553 Crs. (FY18)

PAF Incentive : FY19- Rs. 38 Crs. FY18- Rs. 24 Crs.

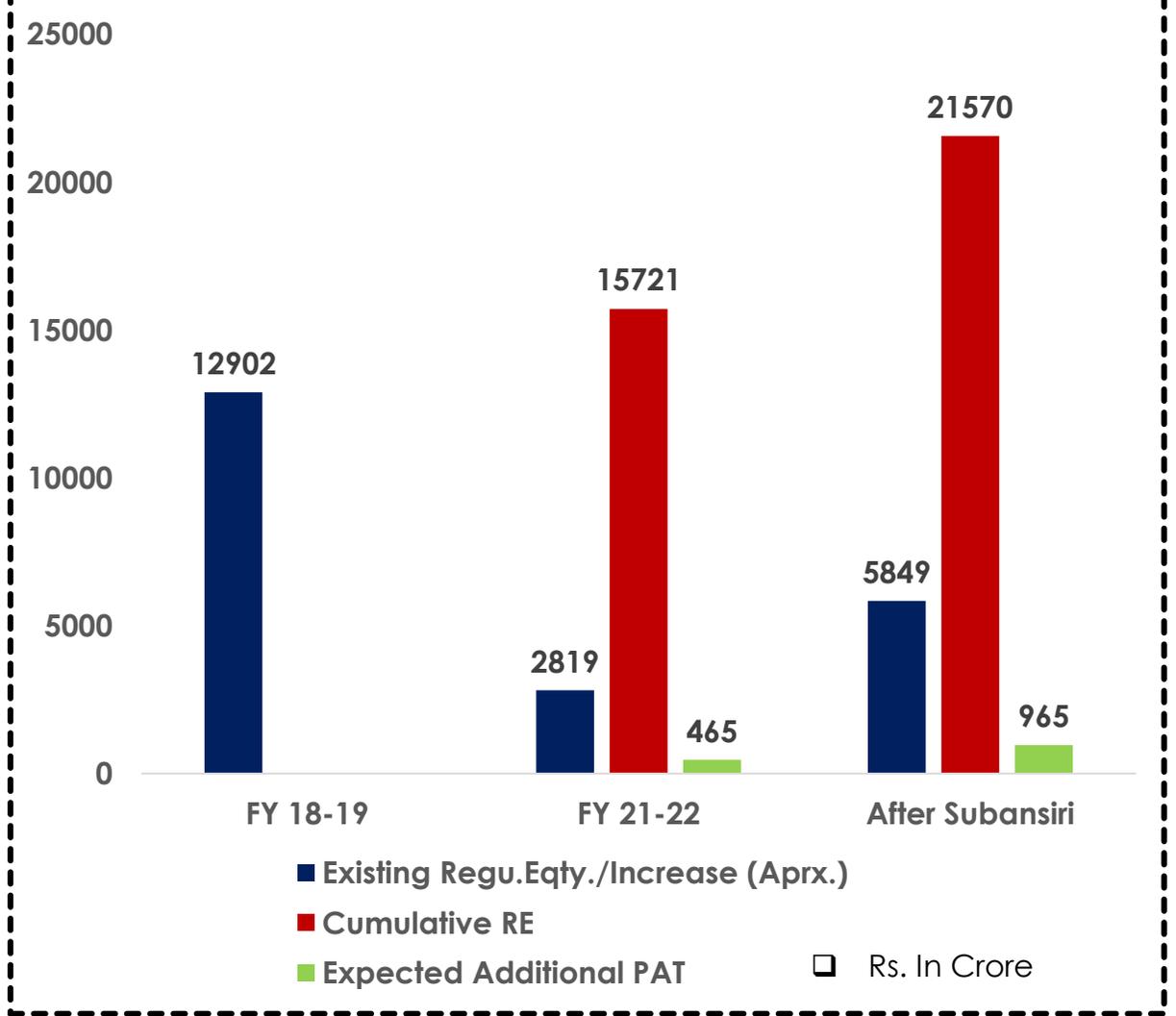


# NHPC –Progressive Physical & Financial Schedule (Hydro)

**Progressive Physical Chart**



**Progressive Financial Chart - Standalone**



Power Station with highest generation during FY'19 : Salal (3412 MU, Annual D.E-3082 MU)





F.Y	Amount (Rs. In Crore)	Remarks
2014-15	2615	(Actual)
2015-16	2793	(Actual)
2016-17	2438	(Actual)
2017-18	2722	(Actual)
2018-19	2213	(Actual)
2019-20	3806	(BE)



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

- ❖ CCEA in its meeting held on 07.03.2019 has given its approval for investment sanction for acquisition of M/s Lanco Teesta Power Limited and execution of balance works of Teesta VI H.E. Project 500 MW (4\*125 MW) in Sikkim by NHPC Limited with an estimated cost of Rs. 5748.04 crores.
- ❖ Investment expenditure of Rs. 1600 crore in respect of Dibang Multipurpose Project (2880 MW) has been recommended by PIB for pre-investment activities of the project.
- ❖ A Memorandum of Understanding has been exchanged among NHPC Limited, Jammu & Kashmir State Power Development Department (JKPDD) and J&K State Power Development Corporation (JKSPDC) for execution of 850 MW Ratle Hydroelectric Project (Jammu & Kashmir) in the august presence of Prime Minister of India on 3<sup>rd</sup> Feb 2019. The estimated cost of the project is Rs. 5719 crore.
- ❖ Hon'ble Prime Minister has laid the foundation stone of 624MW Kiru Hydroelectric Project on February 03, 2019. This project is owned by Chenab Valley Power Projects Pvt. Ltd, a joint venture between NHPC, JKSPDC Ltd. (A Jammu & Kashmir government undertaking) and PTC Ltd. The estimated cost of the project is Rs. 4288 crore.
- ❖ The company has completed buyback of 21.43 crore number of equity shares at Rs.28/- per share with total issue size of Rs.600 crore.
- ❖ Unit # 1 & 2 of Parbati-II HE Project (4 x 200 MW) in Himachal Pradesh has been successfully synchronized with the grid on 14.09.2018 & 22.09.2018 respectively.
- ❖ All Units of Kishanganga H. E. Project has been put under commercial operation (Unit # 1 w.e.f. 18.05.2018 & Unit # 2 & Unit # 3 w.e.f. 24.05.2018).
- ❖ Memorandum of Understanding (MOU) has been signed with the Indian Army for construction of underground caverns and semi underground bunkers at various locations in India on turnkey basis.
- ❖ NHPC has been appointed as an Aggregator under Pilot Scheme II of the Ministry of Power where NHPC would procure 2500 MW thermal power from the selected generators through bidding route and sell the same to DISCOMS for the next three years.

# Other Business Initiative

- Solar Energy
- Wind Energy



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## Solar Power

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

- JVC of NHPC Ltd. & UPNEDA namely 'Bundelkhand Saur Urja Limited' formed on 02.02.2015
- Share of NHPC & UPNEDA :  $\geq 74 : \leq 26$

**Current Status:** Signing of PPA under Progress. 63.491 Ha land got transferred from UPNEDA and Mutation of the land in favour of BSUL finalised. Bidding process under progress.

### 10 MW Floating Solar Project, Kerala

- NHPC is in process of development of Floating Solar Power project in Kollam, Kerala.
- As desired by Kerala State Electricity Board (KSEB), 10 MW shall be developed in 1st Phase.

**Current Status :** Tender finalized & the work is under award stage. Signing of PPA with KSEB is in process.

### 100 MW Solar Park in Odisha

- MNRE has conveyed in-principle approval for setting up of one solar park of capacity 100 MW in Odisha by NHPC.
- 40 MW shall be developed in 1st Phase at the identified land in Ganjam District.
- Approval of State Technical Committee (STC) for 40 MW has been conveyed by M/s Green Energy Development Corporation of Odisha Ltd (GEDCOL).

**Current Status :** Signing of PPA and connectivity approval in process. Actions for EPC bidding initiated.

## Wind Power



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

8 MW Wind Farm to be set up in Palakkad District, Kerala.

Order issued by KSEB to purchase power from 8 MW Wind Project @ Rs. 4.53/unit or tariff fixed by KSERC, which ever is lower.

**Current Status :** Signing of PPA by KSEB is awaited. Bidding process under progress.

# NHPC Projects At A Glance



NHPC-Energising India With Hydropower

S. No	NHPC Project & State	Installed Capacity (MW)	Design Energy (MU)	Year of comm.	Capital Cost as on 31.03.19	Tariff (18-19) (Rs. /Kwh)	Type of the project
1	Baira Siul (3x60) Himachal Pradesh	180	779.28	1981 (Sep)	209.33	2.04	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)	1050.44	2.36	ROR
4	Tanakpur, (3x40) Uttarakhand	94	452.19	1992 (Apr)	421.43	3.29	ROR
5	Chamera-I, (3x180) Himachal Pradesh	540	1664.55	1994 (Apr)	2095.27	2.28	Storage
6	Uri-I, (4x120) Jammu & Kashmir	480	2587.38	1997 (Apr)	3440.88	2.10	ROR
7	Rangit, (3*20) Sikkim	60	338.61	2000 (Feb)	500.36	3.80	ROR with small pondage
8	Chamera-II, (3*100) Himachal Pradesh	300	1499.89	2004 (Feb)	2009.80	2.01	ROR with small pondage
9	Dhauliganga-I, (4x70) Uttarakhand	280	1134.69	2005 (Oct)	1754.25	2.43	ROR with small pondage.
10	Dulhasti, (3x130) Jammu & Kashmir	390	1906.8	2007 (Mar)	5225.73	6.00	ROR with small pondage

S.No.	NHPC Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.19	Tariff (18-19) (Rs. /Kwh)	Type of the project
11	Teesta-V, (3x170) Sikkim	510	2572.70	2008 (Mar)	2776.54	2.33	ROR with small pondage
12	Sewa-II, (3x40) Jammu & Kashmir	120	533.53	2010 (Jun)	1163.70	4.52*	ROR with small pondage
13	Chamera-III , (3x77) Himachal Pradesh	231	1108.17	2012 (Jun)	2089.10	4.25*	ROR with small pondage
14	Chutak , (4x11) Jammu & Kashmir	44	212.93	2013 (Jan)	939.90	8.45	ROR
15	TLDP-III, (4x33) West Bengal	132	594.07	2013 (Mar)	1944.41	6.20*	ROR with small pondage
16	Nimoo Bazgo, (3x15) Jammu & Kashmir	45	239.33	2013 (Jan)	1062.05	9.79	ROR with small pondage
17	Uri –II, (4x60) Jammu & Kashmir	240	1123.77	2014 (Feb)	2433.77	5.61	ROR
18	Parbati-III (4x130) Himachal Pradesh	520	701.40	2014 (May)	2748.52	5.47*	ROR with small pondage
19	TLDP IV (4x40), West Bengal	160	720.00	2016 (Aug)	1822.95	2.89*	Run of River with small pondage
20	Kishanganga (3x110) Jammu & Kashmir	330	1712.96	2018 (Mar)	5960.91	3.54*	Run of River with Pondage
	<b>Total-A</b>	<b>5451</b>	<b>23412.25</b>		<b>39828.99</b>	<b>3.38</b>	<b>* Provisional</b>

## Renewable Energy

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S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.2019	Tariff 18-19 (Rs./unit)	Place of Project
1	Wind Power	50	94.25	2016	330.26	3.69*	Lakhmana, Jaisalmer
2	Solar Power	50	105.96	2018	286.00	4.41	Theni/Dindigul District, Tamilnadu
	<b>Total-B</b>	<b>100</b>	<b>200.21</b>		<b>616.26</b>	<b>*Excluding GBI of Rs. 0.50 per unit &amp; REC.</b>	
<b>Sub Total Stand-alone(A+B)</b>		<b>5551</b>	<b>23612.46</b>		<b>40445.25</b>		

## Operational Projects with Subsidiary

S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost	Tariff 18-19 (Rs./Kwh)	Type of the project
1	Indrasagar, (8x125) Madhya Pradesh	1000	1442.70	2005	4615.11	4.29	Storage
2	Omkareshwar, (8x65) Madhya Pradesh	520	677.47	2007	3013.85	6.65	Storage
	<b>Total-C</b>	<b>1520</b>	<b>2120.17</b>		<b>7628.96</b>		
<b>Grand Total-D:(A+B+C)</b>		<b>7071</b>	<b>25732.63</b>				

# 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 – Mar'19 (Rs. Crore)	Expected Commissioning Schedule
Subansiri Lower (250X8) Assam/ Ar. Pradesh	2000	7421	Reservoir	6285.33 (Dec02)	19496.34 (Apr'17)	10723.47	Within 4 years after resumption of work
Parbati II (200x4) Himachal Pradesh	800	3108.66	Run of River with small pondage	3919.59 (Dec01)	9394.80 (Apr'18)	7244.66	FY 21-22 (Q-3)
<b>Total (A)</b>	<b>2800</b>	<b>10529.66</b>		<b>10204.92</b>	<b>28891.14</b>	<b>17968.13</b>	

## Project Under Construction-JV

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Expected Commissioning Schedule	Status
1	Chenab valley Power Projects Ltd. (JV between NHPC (49%) JKSPDC (49%), & PTC (2%))					
i)	Pakal Dul (4x250) J&K	1000	3330.18	8112 (Mar 13)	FY 23-24 (Q-2)	DAM & Power House Package awarded & work started. Tendering for HRT & HM packages are in progress. E&M package has already been awarded.
ii)	Kiru (4x156) J&K	624	2272.02	4288 (July18)	FY 23-24 (Q-2)	Investment approval for construction of the project is available and the work shall be started soon.
<b>TOTAL (B)</b>		<b>1624</b>	<b>5602.20</b>	<b>12400</b>		

<b>Grand Total (A+B)</b>	<b>4424</b>	<b>16131.86</b>				
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# NHPC Standalone Projects Under Clearance

S.No.	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Crore) & PL	Status
1	Kotli Bhel-IA (3x65) (Uttarakhand)	195	1025.50	2321 (Mar 19)	PIB had recommended the project 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	5630 (Mar 19)	All statutory clearances received except forest clearance (stage-II). FRA Compliance is underway. Approval of pre-investment activities is available and draft PIB memo for implementation of project submitted.
3	Dibang (12x240) (Ar. Pradesh)	2880	11223	28007 (Mar 19)	Concurrence to Project, Environment Clearance, Forest Clearance (Stage-I) and FRA clearance available. Investment approval of Rs. 1600 crore has been recommended for pre-investment activities & balance clearances of the project. Material for cabinet note for the same submitted to MoP.
4	Tawang -I (3x200) (Ar. Pradesh)	600	2963	5342 (Mar 19)	All statutory Clearances have been received except Forest clearance. FRA compliance is underway and Basin Study Report has been submitted and accepted. After receipt of Forest Clearance (Stage-I), the process for PIB / CCEA shall be initiated. Approval of Pre-investment activities is available.
5	Tawang -II (4x200) (Ar. Pradesh)	800	3622	6769 (Mar 19)	All statutory clearances received except forest clearance (stage-II). FRA Compliance is underway. Approval of pre-investment activities is available.
<b>Total</b>		<b>4995</b>	<b>21206.50</b>	<b>48069</b>	

# NHPC –JV Projects Under Clearance

## Projects Under JV

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Status
1	Kwar (4x135) J&K (JV between NHPC (49%) JKSPDC (49%), & PTC (2%))	540	1975.54	4948 (July18)	All clearances except Indus Valley Treaty are available. Consent from Govt. of J&K for waiver of 12% free power & water usage charges is awaited for processing of PIB from MoP. Tendering is in process.
2	Ratle H. E. Project(J&K)	850	3136.80	5719 (Nov 18)	A Memorandum of Understanding has been exchanged among NHPC Limited, Jammu & Kashmir State Power Development Department (JKPDD) and J&K State Power Development Corporation (JKSPDC) for execution of 850 MW Ratle Hydroelectric Project (Jammu & Kashmir) in the august presence of Prime Minister of India on 3 <sup>rd</sup> Feb 2019
<b>TOTAL</b>		<b>1390</b>	<b>5112.34</b>	<b>10667</b>	

## Foreign Assignment Under JV Scheme

1	Chamkharchhu (Bhutan)	770	3344.47	6187 (Dec 16)	<ul style="list-style-type: none"> <li>Project to be developed by JVC of NHPC and DRUKGreen Power Corporation, Bhutan.</li> <li>Joint venture Agreement cum Share Holder's Agreement of proposed JV Company is ready for signing.</li> <li>SHA &amp; AOI shall be signed after finalisation of concession agreement with RGoB &amp; CCEA approval of GoI. Revised draft material for PIB Memorandum submitted to MoP on 23.06.2017 &amp; PIB memo circulated by MoP on 08.09.2017. Reply to all observations of various agencies stand submitted.</li> </ul>
<b>JV Grand Total</b>		<b>2160</b>	<b>8456.81</b>	<b>16854</b>	

## Projects Under Subsidiary

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Status
1	Loktak D/S (2x33) Manipur <b>(JV between NHPC (74%) &amp; Govt. of Manipur (26%))</b>	66	333.76	1392 (Dec18)	<ul style="list-style-type: none"> <li>JVC formed &amp; Board started functioning.</li> <li>All statutory clearances of project except CCEA are available.</li> <li>Tendering of all major works is in process.</li> <li>Different tariff models have been explored to get the actual status of commercial viability of project &amp; submitted to MoP.</li> </ul>
<b>TOTAL</b>		<b>66</b>	<b>333.76</b>	<b>1392</b>	

## Projects Under NCLT

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Status
1	Teesta VI (4x125) Sikkim	500	2400	5748 (July'18)	<ul style="list-style-type: none"> <li>CCEA in its meeting held on 07.03.2019 has given its approval for investment sanction for acquisition of M/s Lanco Teesta Power Limited and execution of balance works of the project.</li> </ul>
<b>TOTAL</b>		<b>500</b>	<b>2400</b>	<b>5748</b>	

S. No.	Projects	State	Installed Capacity (MW)
<b>Projects Under FR/DPR Preparation</b>			
1	Bursar*	Jammu & Kashmir	800
	<b>Total</b>		<b>800</b>

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



Thank  
You

