



INVESTOR PRESENTATION FINANCIAL YEAR 18-19 : DEC'2018



Presentation Outline

2

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



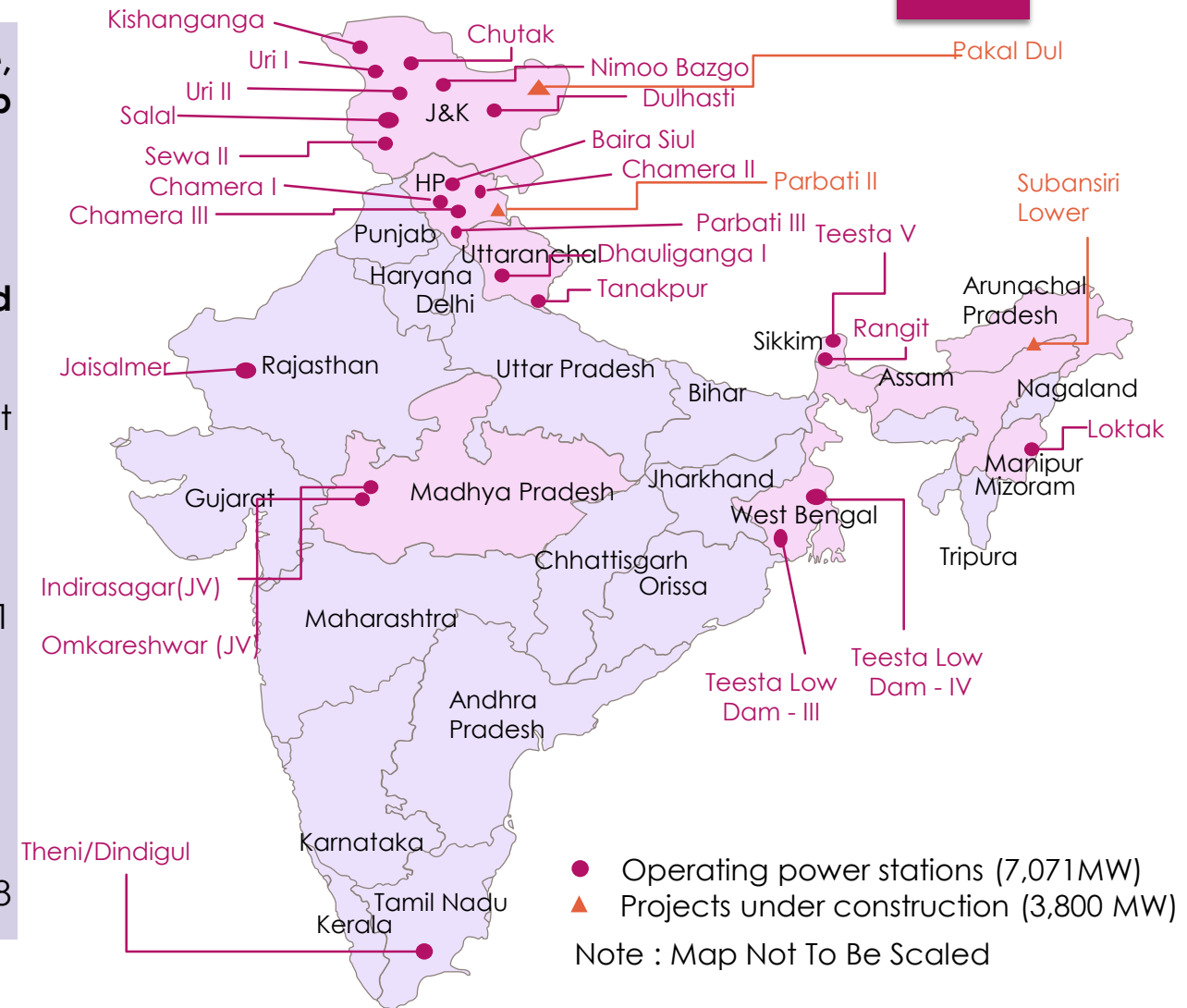
Teesta V, Sikkim

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.
 - Exposure to international business opportunities.

* Source-CEA as on 31.12.2018



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)

Hydro Power is 13% (45399 MW) of All India Installed Capacity (349288 MW**).

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

Under Construction

- ❖ Projects Under Construction (including JV) :-
 - Hydro - 3 Nos. (3800 MW)

Awaiting Clearances

- ❖ Projects Awaiting Clearances :-
 - Standalone - 5 Nos. (4995 MW)
 - Joint Venture - 3 Nos. (1934 MW)
 - Subsidiary – 1 Nos. (66 MW)

Status	Capacity (MW)
Operational Projects	7,071
Projects Under Construction (including JV)	3,800
Projects Under Clearance:	
Stand alone	4,995
JV Projects	1,934
Subsidiaries	66
Projects Under Pipeline	1,300
Total	19,166

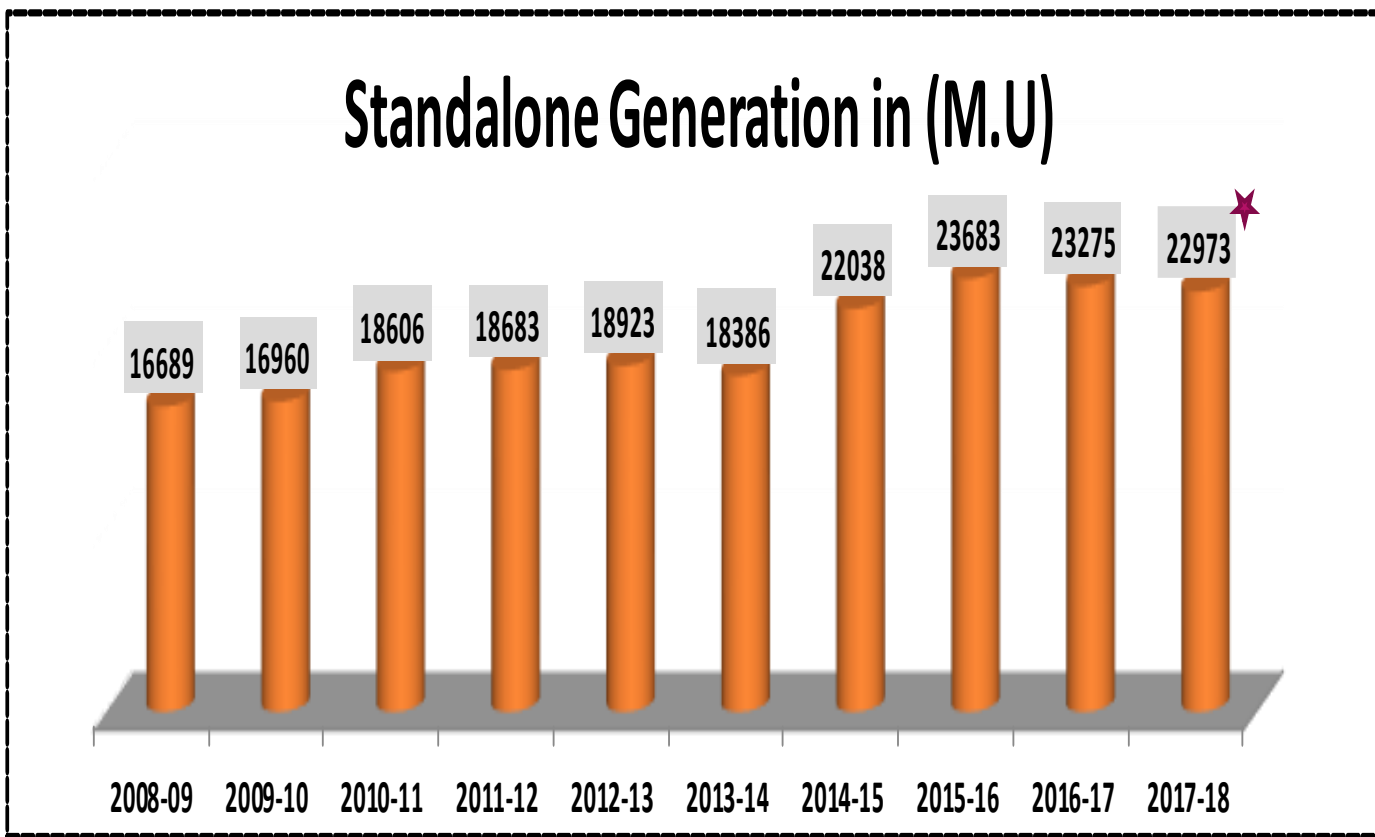
* Including 50 MW Wind Power Project, Jaisalmer & 50 MW Solar Power Project, Tamilnadu.

** Source-CEA as on 31.12.2018

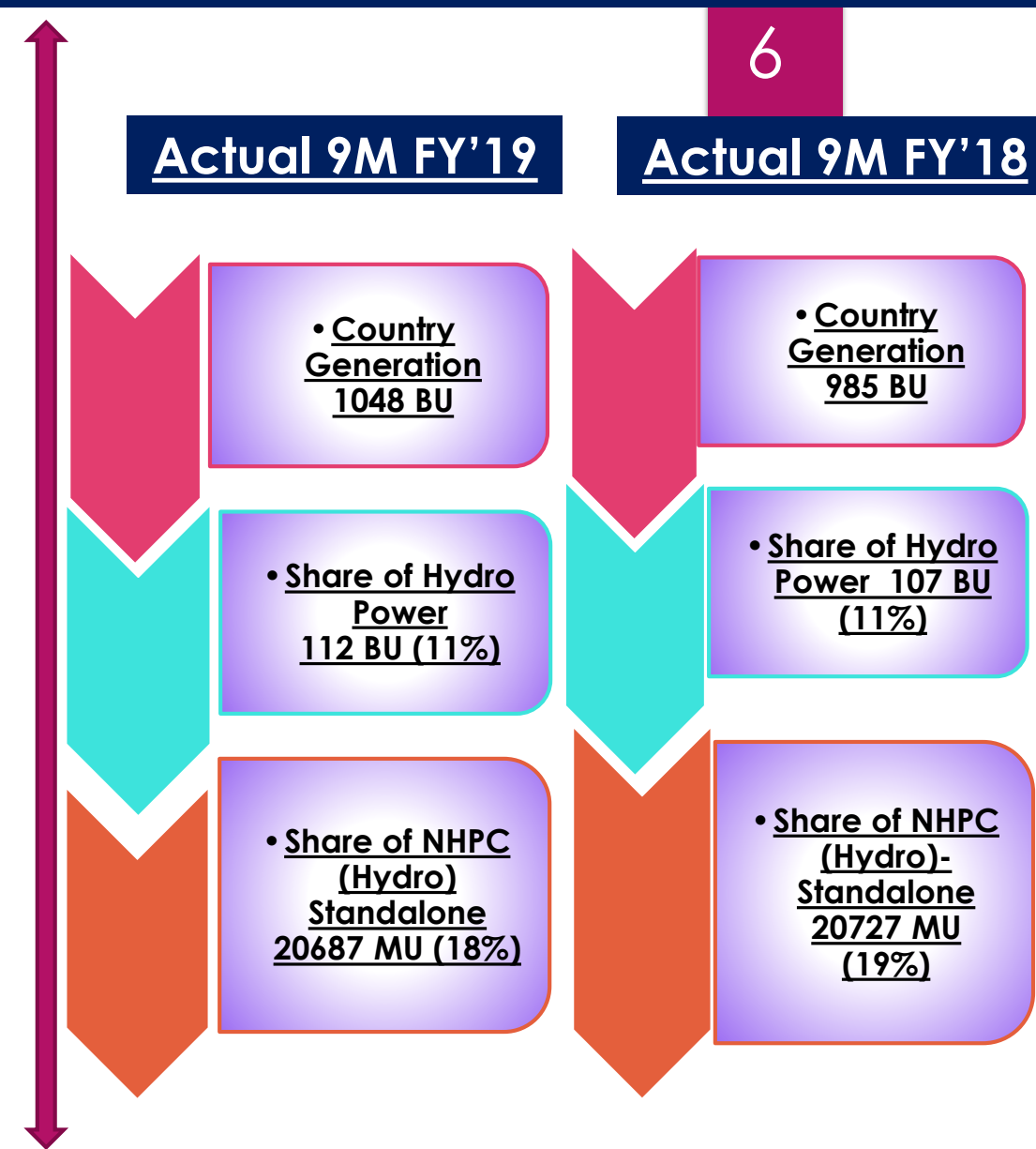
Under Pipeline

- ❖ Projects under Pipeline 2 Nos. (1300 MW)

NHPC 's Track Record – A Ten Year Digest



★ Hydro: 22899 MU, Wind: 70 MU & Solar: 4 MU.



Financial Highlights



Sewa II, J&K



Chamera I, Himachal

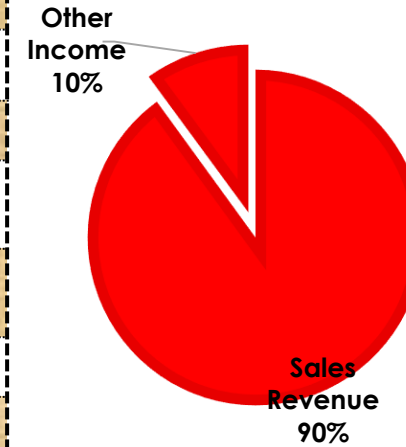
Clean Power For Every Home

Financial Highlights : Standalone

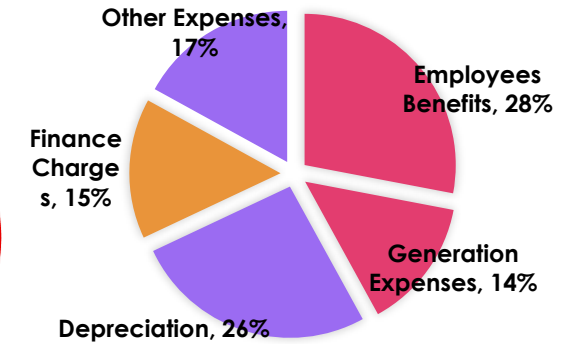
Particulars	FY'19		FY'18			% Change	
	Nine Months	Qtr-3	Nine Months	Qtr-3	Full Year	Nine Months	Qtr-3
Sale/Revenue from Operation	6195.38	1571.37	5797.13	1497.93	6934.03	6.87	4.90
Other Income	704.33	119.85	1191.74	568.18	1491.00	-40.90	-78.91
Total Income (A)	6899.71	1691.22	6988.87	2066.11	8425.03	-1.28	-18.14
Generation Expenses	644.27	126.29	631.68	92.39	716.39	1.99	36.69
Employee Cost	1264.42	551.32	1140.43	375.48	1585.33	10.87	46.83
Finance Cost	672.07	222.55	704.47	227.91	922.32	-4.60	-2.35
Depre. & Amort.	1178.54	401.55	1050.99	346.92	1405.89	12.14	15.75
Other Expenses	803.83	297.96	737.74	245.13	989.18	8.96	21.55
Total Expenditure(B)	4563.13	1599.67	4265.31	1287.83	5619.11	6.98	24.21
Rate Regu. Income (C)	378.12	177.47	514.51	170.96	719.82	-26.51	3.81
PBT (A-B+C)	2714.70	269.02	3238.07	949.24	3525.74	-16.16	-71.66
Tax	576.44	86.84	668.84	261.31	767.09	-13.81	-66.77
Profit After Tax	2138.26	182.18	2569.23	687.93	2758.65	-16.77	-73.52
Other Comprehensive Income	13.35	42.40	9.97	-18.52	5.88	33.90	-328.94
Total Comprehensive Income	2151.61	224.58	2579.20	669.41	2764.53	-16.58	-66.45

Revenue & Expenditure-Analysis

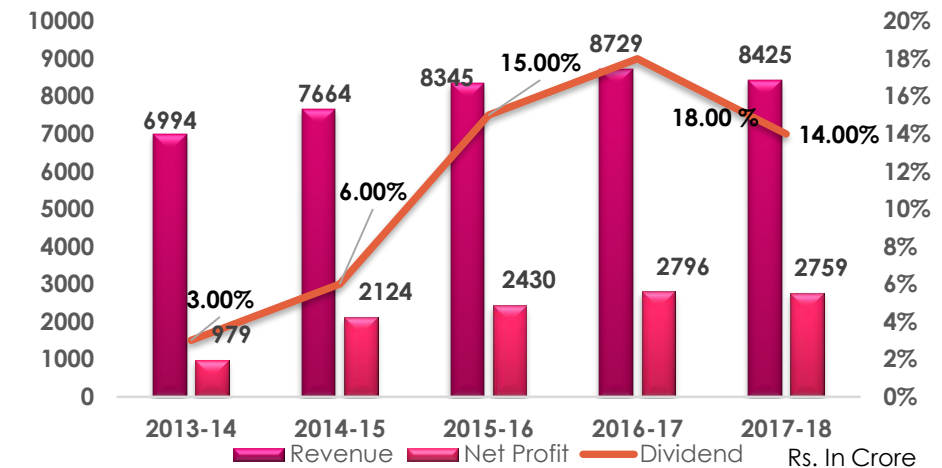
Revenue 9M FY'19



Expenditure 9M FY'19



Revenue Vs. Net Profit Vs. Dividend



Statement of Assets & Liabilities

Rs. In Crore

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Equity and Liabilities	Nine Months FY'19	FY'18
Share Holder's Funds	30191	28328
Loan Funds-Long Term	16189	16728
Deferred Tax Liabilities	1124	1077
Other Long term Liabilities & Provisions	1911	1689
Current Liabilities & Provisions	6044	5653
Total Equity & Liabilities	55459	53475
ASSETS		
PPE (incl. investment property)	23148	19071
Capital Work in Progress	14636	18814
Other Intangible Asset	909	923
Non Current Financial Asset	4643	4649
Non Current Assets (Others)	1270	1444
Regulatory Asset	3979	3600
Trade Receivables	2627	1097
Cash and Bank Balances	1176	1472
Current Assets (Others)	3071	2405
Total Assets	55459	53475

Debtors Position

Rs. In Crore



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Total Debtors (in Crs.)

S. N.	Particulars	As on 31.12.18	As on 30.09.18	As on 30.06.18	As on 31.03.18	As on 31.12.17
1	Sale of Energy	2525.26	2414.94	1799.25	1123.59	1784.16
2	More than 60 days (Net of Provn.)	1721.91	1180.08	690.26	715.74	659.61

Debtors Ageing

Total Debtors (Sales of Energy) - 31.12.18 : 2525.26 Crs

Less Than 60 Days: 803.35 Crs

More Than 60 Days: 1721.91 Crs

Top Five Debtors – Gross Amount (in Crs.)

Name	31.12.18		31.03.18	
	Total	More than 60 days	Total	More than 60 days
PDD, J&K	1054.05	894.00	624.48	541.86
UPPCL, UP	863.98	677.27	87.85	-
WBSEDCL	154.88	28.79	78.24	-
PSPCL, Punjab	122.56	33.61	49.14	-
BSES Yamuna	75.32	75.32	179.88	179.88

Collection Efficiency

Opening Debtors- 1123 Crs.

Billing During 9M FY19- 5809 Crs.

Closing Balance- 2525 Crs.

Collection During 9M FY19- 4407 Crs.

Collection Efficiency- 64% aprx.

Debtor Turnover (days) - 86

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		40.11	-	20.85	46.12	58.17	125.14
2	Incentives	155.87	155.78	81.76		393.41	172.37	144.22	9.81	9.08	335.48
3	Deviation Chrgs.	61.90	47.68	66.02		175.60	48.47	40.46	52.31	40.90	182.14
	G. Total	217.77	203.46	187.89		609.12	220.84	205.53	108.24	108.15	642.76
4	PAF	92.32%	92.88%	79.26%		88.26%	97.22%	94.40%	76.57%	73.15%	85.32%

Supplements

Power Station With Highest PAF Incentive : URI-II (Rs. 108 Cr., PAF : 89.4%, NAPAF-55%)

Power Station with highest Deviation Charges: Salal (Rs. 44 Cr.)

Power Station Giving Best Generation : Chamera1 (123% of the annual design energy)

Supplements

Power Station with Highest PBT- Dulhasti (Rs. 537 Crs)

NHPC Profit per MW : Rs. 39 lakhs (9M FY'19), Rs. 50 lakhs (9M FY'18)

NHPC Profit per Employee: Rs. 31 lakhs (9M FY'19), Rs. 34 lakhs (9M FY'18)

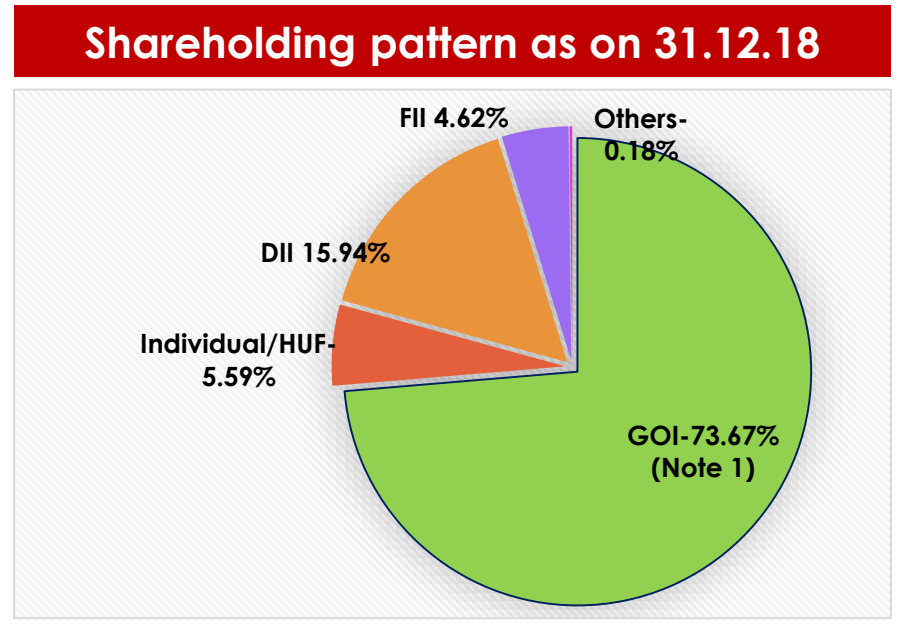
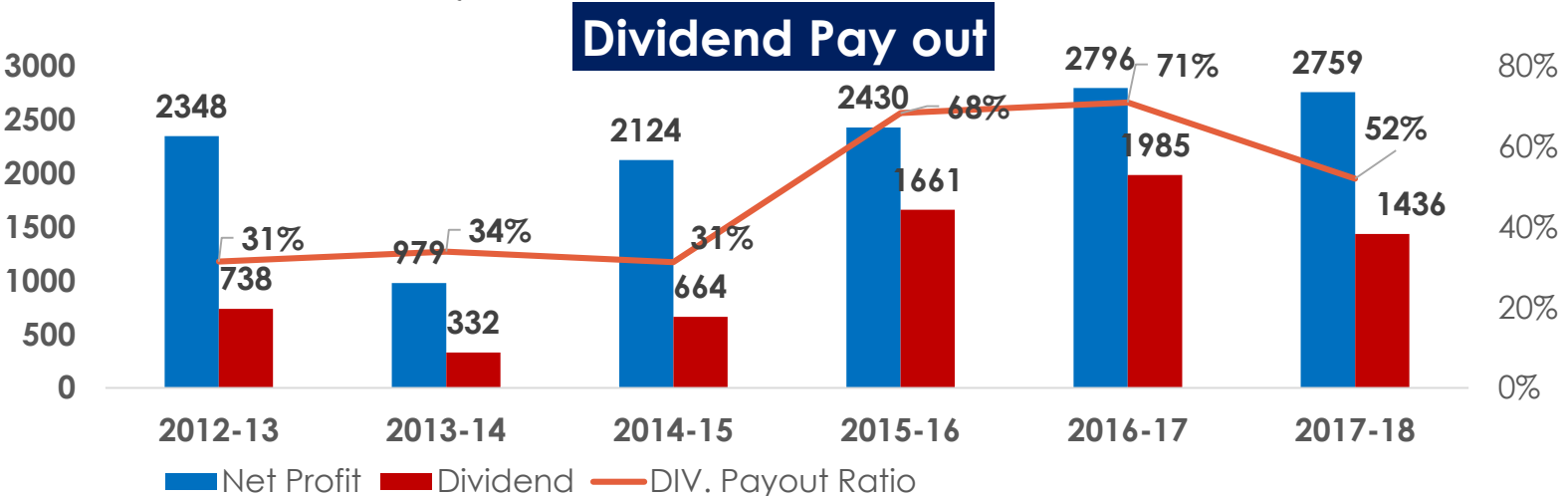
Key Financials : 9M FY'19

12 ₹ In Crore

P&L	Standalone
Total Income	6900
EBITDA*	4487
EBITDA Margin	65%
PAT	2138
Profit Margin	31%
Interim Dividend Pay Out (FY'19)	Rs 0.71 Per Share

Balance Sheet	Standalone
Share Capital	10259
Net worth	30191
Long Term Debt	16189
Cash & Bank Bal.	1176
Gross Block	39437
CWIP	14636

* 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 Subsari Lower Project.



(Note 1: Post back of shares by NHPC, the Gol holding increased from 73.67% to 73.83% in the month of Jan'19)

S. No.	Particulars	Nine Months FY'19	FY' 18	
Particulars		Standalone	Standalone	Consolidated
1.	PAT (Rs. in Crore)	2138.26	2758.65	2503.90
2.	Net-worth (Rs. in Crore)	30190.53	28328.15	30017.90
3.	No. of Equity Shares (In Crore)	1025.93	1025.93	1025.93
4.	EPS (Rs.)	2.08#	2.69	2.44
5.	Earning Yield(%)*	8.83#	9.73	8.82
6.	Dividend Per Share (Rs.)	0.71##	1.40	
7.	Dividend Yield(%)*		5.06	
8.	Book Value per share (Rs.)	29.43	27.61	29.26
9.	PB Ratio*	0.80	1.00	0.94
10.	PE Ratio*	11.32	10.28	11.33
11.	Return On Net worth (%)	7.08#	9.74	8.34
12.	Market Capitalisation (In Crore)*	23656	28367	
13.	Debt Equity Ratio	0.59	0.65	0.61

* Stock Price (BSE): as on 08.02.19 : Rs. 23.55 & as on 31.03.18 : Rs. 27.65 , EPS for PE Ratio : 2.69 (2017-18), No. of shares in the paid up capital of Company after buyback of 21.43 crore of shares in Jan'19: 1004.50 crore has been considered for market capitalization.

Not annualized.
Interim Div. for FY'19.

NHDC Ltd. (Subsidiary) – Snapshots : FY17-18

Shareholding Pattern : 51:49 (NHPC : GoMP)

Installed Capacity : 1520 MW

Design Energy : 2120.17 MU

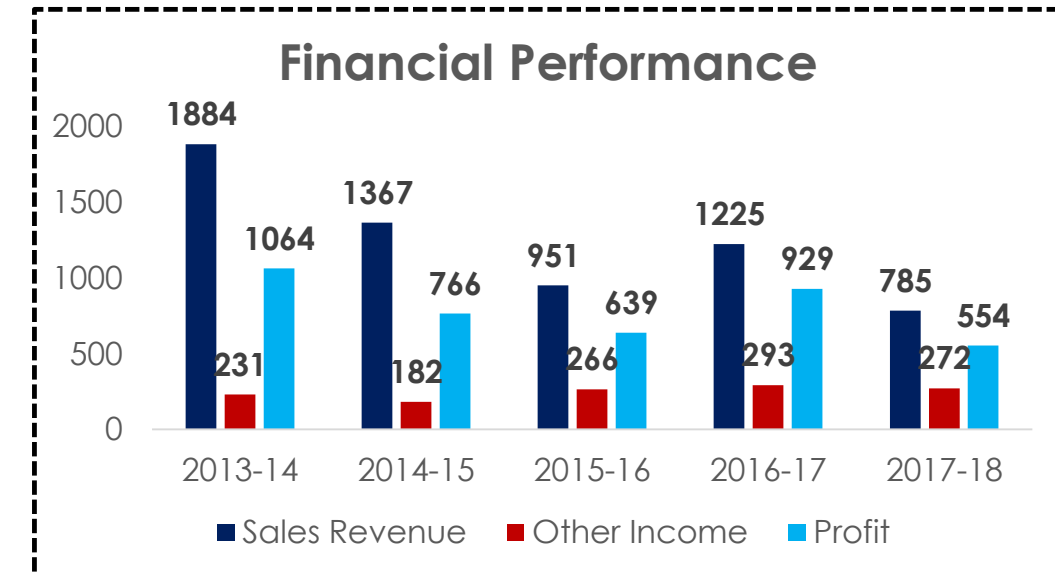
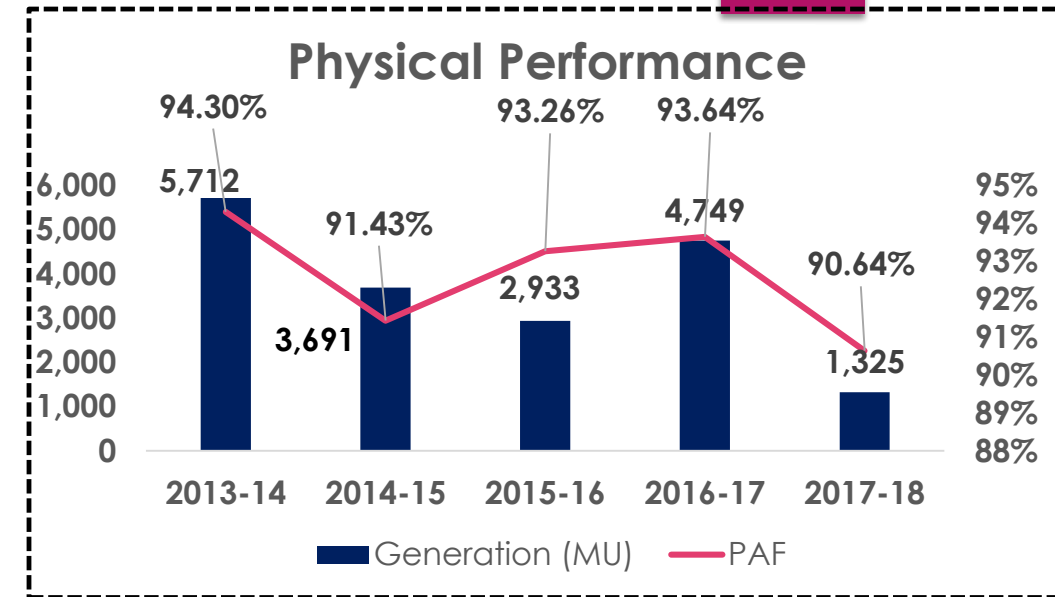
Generation : 1325.25 MU (FY'18), 4748.5 (FY'17)

PAF : 90.64% (FY'18), 93.64% (FY17)

Sales Revenue : Rs. 785 Crs. (FY'18), 1225 Crs (FY'17)

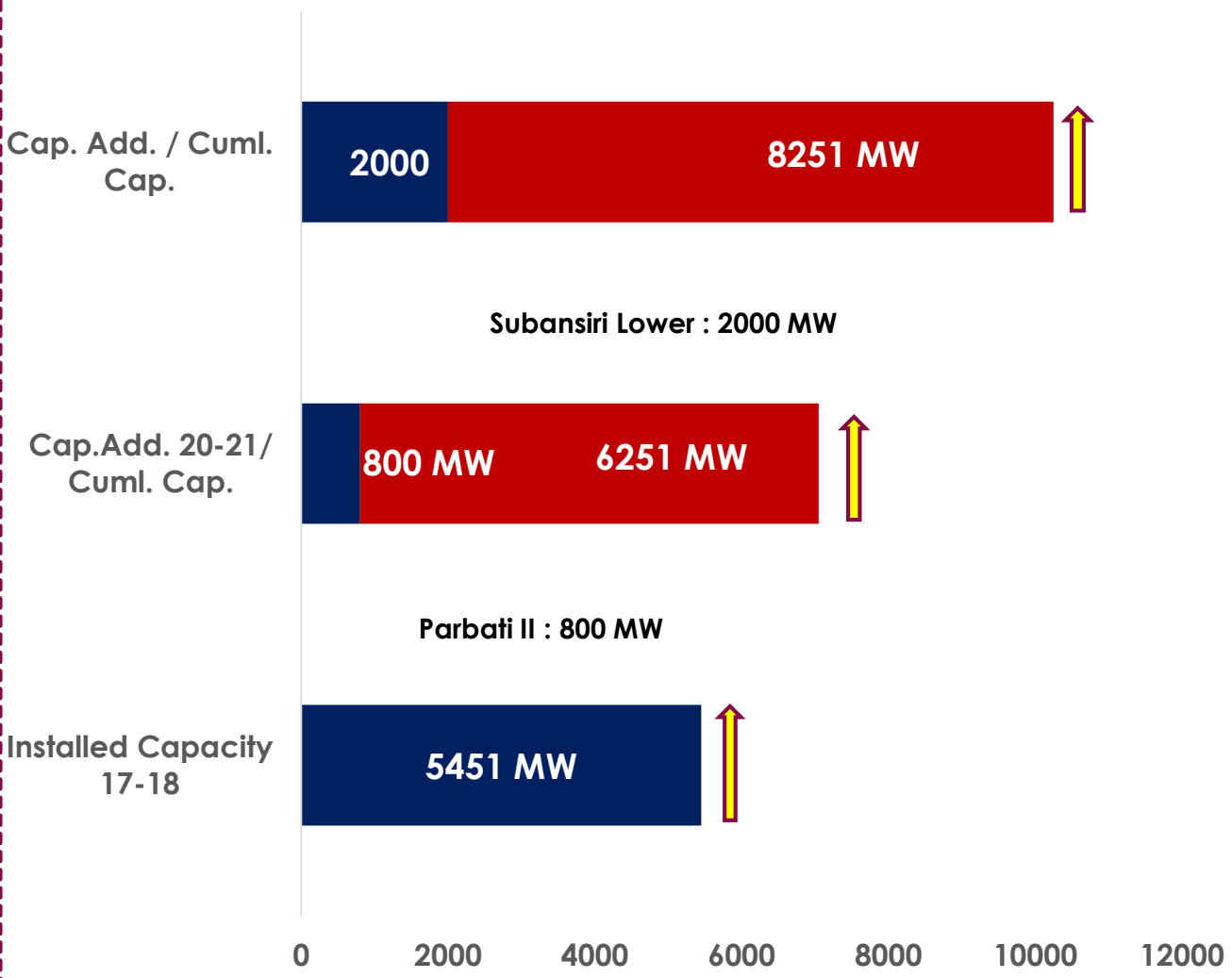
Profit : 554 Crs. (FY18), 929 Crs. (FY17)

PAF Incentive : FY18- Rs. 24 crore FY17- Rs. 40 Cr.

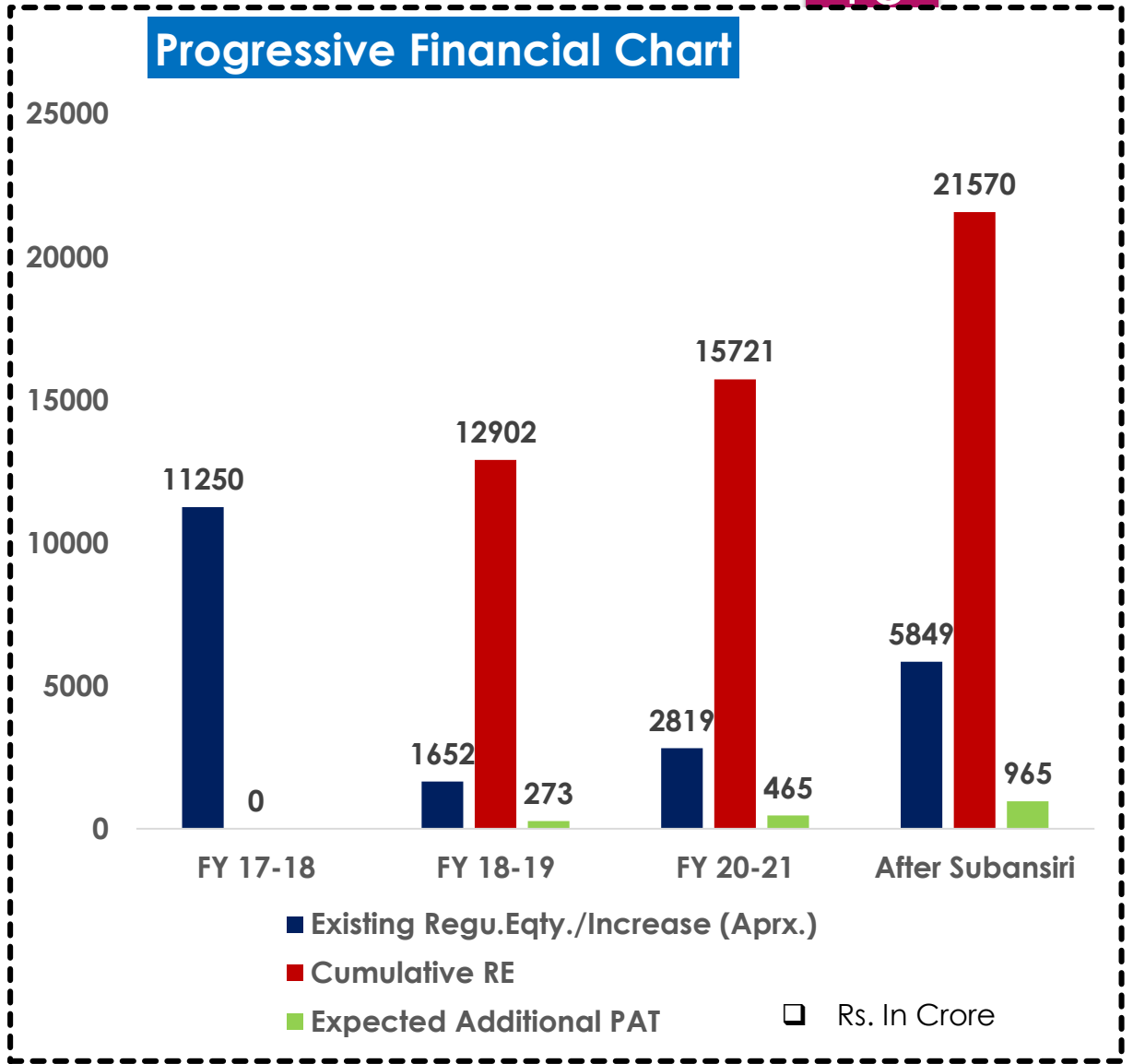


NHPC –Progressive Physical & Financial Schedule (Hydro)

Progressive Physical Chart



Progressive Financial Chart



Power Station with highest generation during 9M FY'19 : Salal (2899 MU, Annual D.E-3082 MU)





F.Y	Amount In Crore)	(Rs.	Remarks
2012-13	3307		(Actual)
2013-14	3219		(Actual)
2014-15	2615		(Actual)
2015-16	2793		(Actual)
2016-17	2438		(Actual)
2017-18	2722		(Actual)
2018-19	2577		RBE



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

- ❖ NHPC has been declared highest bidder by NCLT for the acquisition of Teesta VI H.E Project of 500 MW (125MWx4) with bid amount of Rs. 907 crore. PIB meeting for Investment approval has been held on 05.02.2019. The minutes of the meeting are awaited.
- ❖ 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 3rd Feb 2019.
- ❖ 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 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).
- ❖ Power Purchase Agreement (PPA) in respect of Kishanganga HE Project (3X110MW) has been signed on 22.06.2018 with U.P. Power Corporation Limited (UPPCL) for a period of 35 years from the date of commercial operation (COD) of last unit of the above Project. PPA with Chhattisgarh State Power Distribution Company Ltd. has already been signed on 11.08.2016.
- ❖ MoU for the year 2018-19 with Ministry of Power (MoP), Govt. of India was signed on 20.04.2018
- ❖ Memorandum of Understanding (MOU) has been signed on 03.09.2018 with Bharat Heavy Electricals Limited (BHEL) for consultancy and joint cooperation in Hydro-electric Projects in India for a period of 3 years from the date of signing.

Other Business Initiative

- Solar Energy
- Wind Energy



Clean Power For EVERY HOME

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 on 04.12.2017. 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 finalizes & the work is under award stage. Signing of PPA with KSEB is in process.

100 MW Solar Park in Orisha

- 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) on 25.08.2018.

Current Status : Transfer of Land, signing of PPA and connectivity approval in process. Actions for EPC bidding being 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 on 10.11.2017 to purchase power from 8 MW Wind Project @ Rs. 4.53/unit or tariff fixed by KSERC, which ever is lower.

Current Status : Allotment of Land by State Govt. is under process. 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 31.03.18	Tariff (18-19) (Rs. /Kwh)	Type of the project
1	Baira Siul (3x60) Himachal Pradesh	180	779.28	1981 (Sep)	209.28	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)	1012.93	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)	2095.07	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)	497.46	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)	5219.00	6.00	ROR with small pondage

S.No.	NHPC Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.18	Tariff (18-19) (Rs. /Kwh)	Type of the project
11	Teesta-V, (3x170) Sikkim	510	2572.70	2008 (Mar)	2776.49	2.33	ROR with small pondage
12	Sewa-II, (3x40) Jammu & Kashmir	120	533.53	2010 (Jun)	1156.30	4.52*	ROR with small pondage
13	Chamera-III , (3x77) Himachal Pradesh	231	1108.17	2012 (Jun)	2174.40	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)	2083.28	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)	1867.58	2.89*	Run of River with small pondage
20	Kishanganga (3x110) Jammu & Kashmir	330	1712.96	2018 (Mar)	5755.24	3.54*	Run of River with Pondage
	Total-A	5451	23412.25		39837.28	3.38	* Provisional

Renewable Energy

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S.No	Project	Installed Capacity (MW)	Design Energy (MU)	Year of Comm.	Capital Cost as on 31.03.2018	Tariff 18-19 (Rs./unit)	Place of Project
1	Wind Power	50	94.25	2016	329.66	3.69*	Lakhmana, Jaisalmer
2	Solar Power	50	105.96	2018	283.62	4.41	Theni/Dindigul District, Tamilnadu
	Total-B	100	200.21		613.28	*Excluding GBI of Rs. 0.50 per unit & REC.	
Sub Total Stand-alone(A+B)		5551	23612.46		40450.56		

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	4600.54	3.68	Storage
2	Omkareshwar, (8x65) Madhya Pradesh	520	677.47	2007	3009.88	5.90	Storage
	Total-C	1520	2120.17		7610.42		
Grand Total-D:(A+B+C)		7071	25732.63				

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 -Dec'18 (Rs. Crore)	Expected Commissioning Schedule
Subansiri Lower (250X8) Assam/ Ar. Pradesh	2000	7421	Reservoir	6285.33 (Dec02)	19496.34 (Apr'17)	10421.62	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)	7145.69	FY 20-21 (Q-3)
Total (A)	2800	10529.66		10204.92	28891.14	17567.31	

Project Under Construction-JV

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	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)	DAM & Power House Package awarded & work started. Tendering for other packages is in progress.
TOTAL(B)		1000	3330.18	8112	
Grand Total (A+B)		3800	13859.84		

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	2625 (Oct17)	In the PIB Meeting on 23 rd 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	5697 (Jun 18)	All statutory clearances received except forest clearance (stage-II). Approval of pre-investment activities conveyed by MoP on 03.05.2016. FRA Compliance is underway. Draft PIB memo for implementation of project submitted on 24.09.2018. The same has been circulated by MoP on 29.11.2018. The replies of various agencies are being attended to.
3	Dibang (12x240) (Ar. Pradesh)	2880	11223	28080 (Jun 18)	Concurrence to Project, Environment Clearance, Forest Clearance (Stage-I) and FRA clearance available. PIB meeting held on 03.01.2019, wherein 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 on 22.01.2019 to MoP.
4	Tawang -I (3x200) (Ar. Pradesh)	600	2963	6173 (Dec 16)	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. MoP conveyed approval for Pre-investment activities vide its letter dated 09.01.2019.
5	Tawang -II (4x200) (Ar. Pradesh)	800	3622	7588 (Sep 15)	All statutory clearances received except forest clearance (stage-II). FRA Compliance is underway. Approval of pre-investment activities by MoP accorded on 28.07.16.
Total		4995	21206.50	50163	

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 Power Projects Ltd. (JV between NHPC (49%) JKSPDC (49%), & PTC (2%))				
(i)	Kiru (4x156) J&K	624	2272.02	4709 (July18)	Appraisal by CEA, Forest Clearance by GoJ&K, and Environmental Clearance by MOEF&CC and Indus water treaty clearance have been obtained. PIB Memo circulated by MoP on 01.02.2018. All replies to comments of respective Agencies/Ministries stands submitted. CEA vide letter dt. 05.11.2018 vetted the cost with GST. PIB in its meeting held on 28.01.2019 has recommended the project at cost of Rs. 4287.59 crore. Tenders have been evaluated and work can be awarded after investment approval by Gol.
(ii)	Kwar (4x135) J&K	540	1975.54	4948 (July18)	All clearances except Indus Valley Treaty are available. Tendering for main works is under process. PIB Memo circulated by MoP on 07.03.2018. All replies to comments of respective Agencies/Ministries stands submitted. CEA vide letter dated 05.12.2018 vetted the Cost with GST. Consent from Govt. of J&K for waiver of 12% free power & water usage charges is awaited. Tendering is in process.
TOTAL		1164	4247.56	9657	

Foreign Assignment Under JV Scheme

1	Chamkharchhu (Bhutan)	770	3344.47	6187 (Dec 16)	<ul style="list-style-type: none"> Project to be developed by JVC of NHPC and DRUKGreen Power Corporation, Bhutan. Joint venture Agreement cum Share Holder's Agreement of proposed JV Company is ready for signing. SHA & AOI shall be signed after finalisation of concession agreement with RGoB & CCEA approval of Gol. Revised draft material for PIB Memorandum submitted to MoP on 23.06.2017 & PIB memo circulated by MoP on 08.09.2017. Reply to all observations of various agencies stand submitted.
JV Grand Total		1934	7592.03	15844	

Projects Under Subsidiary

S.No	Projects	Installed Capacity (MW)	Design Energy (MUs)	Cost (In Cr.) & PL	Status
1	Loktak D/S (2x33) Manipur (JV between NHPC (74%) & Govt. of Manipur (26%))	66	333.76	1394 (Nov17)	<ul style="list-style-type: none"> ▪ JVC formed & Board started functioning. ▪ All statutory clearances of project except CCEA are available. ▪ More options to make project viable being explored. ▪ Tendering of all major works is in process.
TOTAL		66	333.76	1394	

S. No.	Projects	State	Installed Capacity (MW)
Projects Under FR/DPR Preparation			
1	Bursar*	Jammu & Kashmir	800
2	Teesta VI**	Sikkim	500
	Total		1300

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

**Resolution Plan submitted by NHPC is under process of approval of NCLT after NHPC was declared as successful Resolution Applicant by Committee of Creditors (CoC). PIB meeting held on 05.02.2019 for investment approval comprising cost of acquisition of Lanco Teesta Hydro Power Limited and execution of balance work of the project. MoM awaited.

- ❖ License from CERC for Category I Trader granted on 23.04.2018.
- ❖ Trader membership of Indian Energy Exchange “IEX” obtained on 17.05.2018.
- ❖ Registration on Discovery of Efficient Electricity Price (DEEP) portal for short term & medium term trading of power activated from 16.05.2018.
- ❖ NHPC targets around 9000 MUs for trading in FY 2018-19 & FY 2019-20.
- ❖ NHPC as a trade member has sold 1,22,134 non solar REC in IEX, generated from its Wind Power Project, Jaisalmer, Rajasthan against generation up to 31.12.2018. Total revenue against the same is Rs. 13.82 crores.
- ❖ Around 2.00 Lacs RECs are expected to be traded in FY 2018-19 & FY 2019-20.



Thank
You

