



# ***NHPC Limited***

**NHPC Snapshot As on 31.01.2013**

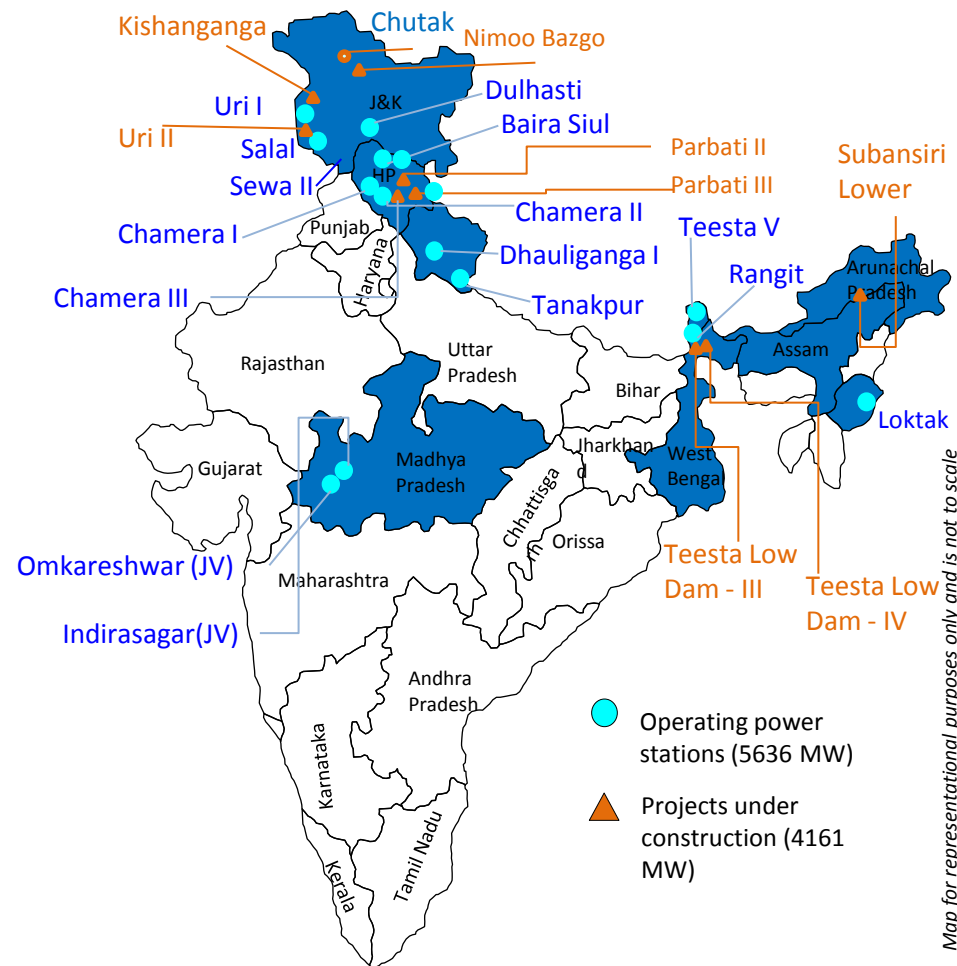
**During Nameste-7<sup>th</sup> Annual dbAcess India Conference 2013**

**4<sup>th</sup> March 2013 at Mumbai**



# NHPC – Meeting India's Hydropower Needs

- Incorporated in 1975 with authorised capital of Rs.200 crore, the present authorised capital is Rs.15000 crore (Paid Up Capital Rs.12301 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 8 states – J&K, W.B, M.P, H.P, Arn.Prd., Manipur, Sikkim & Uttarakhand
  - 14.30% share of installed hydro-electric capacity in India (5,636 MW out of 39,416.40 MW)
  - Consultancy business
  - Exposure to international business opportunities



**5636 MW<sup>1</sup> installed capacity through 17 power stations**

<sup>1</sup> Including two projects of 1,520 MW from NHDC

# Operational Projects

Project	Location	Installed Capacity (MW)	Year of Commissioning
Baira Siul	HP	180	1981
Loktak	Manipur	105	1983
Salal	J&K	690	1987/1996
Tanakpur	Uttarakhand	120 <sup>1</sup>	1992
Chamera I	HP	540	1994
Uri I	J&K	480	1997
Rangit	Sikkim	60	1999
Chamera II	HP	300	2004
Dhauliganga I	Uttarakhand	280	2005
Dulhasti	J&K	390	2007
Teesta V	Sikkim	510	2008
Sewa II	J&K	120	2010
Chamera III	HP	231	July 4, 2012
Chutak	J&K	44	Nov.,2012
TLDP-III	Sikkim	*66	Jan., 2013
<b>Total</b>		<b>4,116(4.1 GW)</b>	
<b>Completed Projects with NHDC</b>			
Indira Sagar	MP	1,000	2005
Omkareshwar	MP	520	2007
<b>Total</b>		<b>1,520 (1.5 GW)</b>	
<b>Grand Total</b>		<b>5,636 (5.6 GW)</b>	* Out of 4 Unit 2 unit of 66 MW is commissioned in Jan.,13.





# Projects Under Construction

Project under construction	Location	Installed Capacity (MW)
Uri II	J&K, 60*4	240
TLD III *	WB, 33*4	66
Parbati III	HP, 130*4	520
Nimoo Bazgo*	J&K, 15*3	45
TLD IV	WB, 40*4	160
Subansiri Lower	Assam / Ar.P, 250*8	2,000
Parbati II	HP, 200*4	800
Kishanganga	J&K, 110*3	330
<b>Total</b>		<b>4,161</b>

\* TLDP-III: Two units out of four have been commissioned in Jan'13 & 3<sup>RD</sup> unit has been synchronized in Feb., 13.

\* Nimoo Bazgo: Two units have been synchronised with available load in Jan., 2013.



Sl. No.	NAME OF PROJECT	STATE	INSTALLED CAPACITY (MW)
1	KOTLI BHEL – IA	UTTARAKHAND	195
2	TEESTA – IV	SIKKIM	520
3	TAWANG –I	ARUNACHAL PRADESH	600
4	TAWANG –II	ARUNACHAL PRADESH	800
5	DIBANG	ARUNACHAL PRADESH	3000
	<b>TOTAL CAPACITY</b>		<b>5115</b>
	<b>JOINT VENTURE</b>		
6	PAKAL DUL , (JKPDC & PTC)	J&K	1000
7	KIRU (JKPDC & PTC)	J&K	* 600
8	KWAR (JKPDC & PTC)	J&K	* 520
9	LOKTAK D/S (GoM)	MANIPUR	66
10	TIPAIMUKH ( GoM & NEEPCO)	MANIPUR	1500
	<b>SUB TOTAL (JV)</b>		<b>3686</b>
	<b>TOTAL</b>		<b>8801</b>



# Projects Under Survey & Investigation: 4550 MW

Sl. No.	PROJECTS	STATE	INSTALLED CAPACITY (MW)
<b>PROJECTS UNDER FR / DPR PREPARATION</b>			
1	BURSAR	J & K	1020
2	DHAULIGANGA INTERMEDIATE	UTTARAKHAND	210
3	GAURIGANGA-IIIA	UTTARAKHAND	120
4	DULHASTI-II	J & K	350
	<b>SUB TOTAL (FR/DPR)</b>		<b>1700</b>
<b>FOREIGN ASSIGNMENT PROJECTS (FAP)</b>			
5	TAMANTHI	MYANMAR	1200
6	SHWEZAYE	MYANMAR	880
7	CHAMKHARCHHU	BHUTAN	770
	<b>SUB TOTAL (FAP)</b>		<b>2850</b>
	<b>TOTAL</b>		<b>4550</b>



## Plan Expenditure

Particular		Amount (Rs. In Crore)
9 <sup>th</sup> Plan		4,841
10 <sup>th</sup> Plan		10,888
11 <sup>th</sup> Plan		17,269
12 <sup>th</sup> Plan (Proposed)		20,000
2012-13	3,150	(a) During 12 <sup>th</sup> Plan , 1702 MW capacity would be added from the ongoing construction projects. Till date i.e. (upto Feb., 13) 341 MW have been commissioned.
2013-14	3,000	
2014-15	4,094	
2015-16	4,771	
2016-17	4,985	
TOTAL	20,000	(b) Apart from that, the other projects , which are under various stages of Govt. clearances, the construction of the same will takeoff during the 12 <sup>th</sup> Plan.



Particulars	NHPC Figure (stand alone)
<b>Current Book Value (31.12.12)</b>	<b>22.86</b>
<b>Book Value (31.03.2012)</b>	<b>21.42</b>
<b>Book Value at the time of IPO (As on 31.03.2009)</b>	<b>15.98</b>
<b>EPS on 9 Months ending 31.12.2012</b>	<b>1.43</b>
<b>EPS FY 12</b>	<b>2.25</b>
<b>EPS at the time of IPO (As on 31.03.2009)</b>	<b>0.98</b>

- Established track record of more than 35 years in implementing hydroelectric projects, Strong operational performance and In house Design & Engineering Team.
- Largest Hydro CPSU with expertise in execution of Hydro Projects from concept to commissioning, with 14.30% share of installed hydro-electric capacity in India and presence across 8 states with installed capacity of 5636 MW.
- Assured income business model due to long term power purchase agreement.
- Ability to meet peaking power demand & improves grid stability and reliability .
- High Credit rating by reputed credit rating agencies.





Thank You

