

**PROJECTS UNDER CONSTRUCTION FOR LIKELY BENEFITS  
DURING 12TH PLAN**

	<b>HYDRO</b>	<b>THERMAL</b>	<b>NUCLEAR</b>	<b>TOTAL</b>
	MW	MW	MW	MW
<b>CENTRAL</b>	5372	8526	700	<b>14598</b>
<b>STATE</b>	455	11240	0	<b>11695</b>
<b>PRIVATE</b>	620	31770	0	<b>32390</b>
<b>TOTAL</b>	<b>6447</b>	<b>51536</b>	<b>700</b>	<b>58683</b>

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Sl.No.	PLANT NAME	STATE	AGENCY	SECTOR	ULTIMATE CAPACITY (MW)	FUEL TYPE	BENEFITS 12TH PLAN (2012-17) (MW)	LIKELY YEAR OF BENEFITS	LOA Date	AGENCY TO WHOM AWARDED
	<b>HYDRO</b>									
1	KAMENG	AR. PRADESH	NEEPCO	C	600	HYDRO	600	2012-13	DEC, 04	BHEL
2	PARE	AR. PRADESH	NEEPCO	C	110	ROR	110	2013-14	Aug,09	
3	SUBANSIRI LOWER	AR. PRADESH	NHPC	C	2000	HYDRO	2000	2012-14	FEB,05	ALSTOM
4	PARBATI ST-II	HP	NHPC	C	800	HYDRO	800	2012-13	DEC, 02	BHEL
5	KISHANGANGA	J&K	NHPC	C	330	HYDRO	330	2016-17	Jan'09	BHEL
6	LOHARINAGPALA	UTTARAKHAND	NTPC	C	600	HYDRO	600	2013-14		VOITH SIEMENS
7	TAPOVAN VISHNUGAD	UTTARAKHAND	NTPC	C	520	HYDRO	520	2013-14		BHEL
8	RAMPUR	HP	SJVNL	C	412	HYDRO	412	2013-14	SEP,08	BHEL
9	UHL III	HP	HPJVNL	S	100	HYDRO	100	2012-13	FEB,07	BHEL
10	SAWARA KUDDU	HP	PVC	S	110	HYDRO	110	2014-15	FEB, 09	VA TECH
11	KASHANG-I	HP	HPPCL	S	65	ROR	65	2014-15	FEB, 09	
12	LOWER JURALA	AP	APGENCO	S	240	HYDRO	120	2012-13	Jan,08	ALSTOM
13	PALLIVASAL	KERALA	KSEB	S	60	HYDRO	60	2012-13	JAN, 07	DONG FANG CHINA
14	TEESTA VI	SIKKIM	LANCO	P	500	HYDRO	500	2012-13	Dec,06	
15	RANGIT IV	SIKKIM	JAL POWER	P	120	HYDRO	120	2012-13	July,07	
	<b>TOTAL HYDRO</b>						<b>6447</b>			
	<b>THERMAL</b>									
1	NABINAGAR JV U1-4	BIHAR	NTPC	C	1000	COAL	1000	2012-13	Jan'08	BHEL
2	BARH-I, U1,2,3	BIHAR	NTPC	C	1980	COAL	1980	2012-14	Mar,05	TECHNOPROM, RUSSIA
3	BARH-II U1,2	BIHAR	NTPC	C	1320	COAL	1320	2012-14	SG-Mar'08 & TG-Oct,08	BHEL
4	MAUDA TPP U2	MAHARASHTRA	NTPC	C	500	COAL	500	2012-13	Nov'08	BHEL
5	VALLUR U3	TN	NTPC	C	500	COAL	500	2012-13	July,09	BHEL
6	TUTICORIN TPS U-1,2	TN	NLC JV	C	1000	COAL	1000	2012-13	Jan,09	BHEL
7	RIHAND-III U-6	UP	NTPC	C	500	COAL	500	2012-13	SG-Jan'09 & TG-Feb,09	BHEL
8	VINDHYACHAL ST-IV U-12	MP	NTPC	C	500	COAL	500	2012-13	SG-Jan'09 & TG-Feb,09	BHEL
9	BOKARO TPS "A" EXP U1	JHARKHAND	DVC	C	500	COAL	500	2012-13	June,08	BHEL
10	TRIPURA GAS	TRIPURA	ONGC	C	726	GAS/LNG	726	2012-13	Aug, 08	BHEL
11	KRISHNAPTAM TPP	AP	APGENCO	S	1600	COAL	1600	2012-14	SG-July,08 & TG-June,08	BHEL
12	RAMGARH GT	RAJASTHAN	RRVUNL	S	160	GAS/LNG	160	2012-13	July,09	BHEL
13	KALISINDH TPS U1,2	RAJASTHAN	RRVUNL	S	1200	COAL	1200	2012-13	July,08	BGR ENERGY
14	CHHABRA II TPS, U-1,2	RAJASTHAN	RRVUNL	S	500	COAL	500	2012-13	Aug,08	BHEL
15	MARWAH TPP U1,2	CHATTISGARH	CSEB	S	1000	COAL	1000	2012-13	April,08	BHEL
16	KORBA WEST ST-III	CHATTISGARH	CSEB	S	500	COAL	500	2012-13	Mar,08	BHEL
17	CHANDRAPUR TPS	MAHARASHTRA	MAHA GEN	S	1000	COAL	1000	2012-13	July,08	BHEL
18	KORADI	MAHARASHTRA	MAHA GEN	S	1980	COAL	1980	2013-15		L&T
19	MALWA TPP U-1,2 (Shree Singati)	MP	MPPGCL	S	1200	COAL	1200	2012-13	Dec,08	BHEL
20	SATPURA TPP EXTN U2	MP	MPPGCL	S	250	COAL	250	2012-13	Mar,08	BHEL
21	PARLI TPS U-3	MAHARASHTRA	MSPGCL	S	250	COAL	250	2013-14	Jan, 09	BHEL
22	KAKATIYA TPP EXT U1	AP	APGENCO	S	600	COAL	600	2012-13	Oct,08	BHEL

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23	SIKKA TPP EXT U3,4	GUJARAT	GSECL	S	500	COAL	500	2012-13	Apr,07	BHEL
24	ANPARA D U2	UP	UPRVUNL	S	500	COAL	500	2012-13	Jan,08	BHEL
25	BARA	UP	Prayagraj PGCL	P	1980	COAL	1980	2013-15	OCT, 09	BHEL
26	ULTRA MEGA MUNDRA TPP U3-5	GUJARAT	TATA POWER	P	4000	COAL	2400	2012-14	June,07	DOOSAN, KOREA + TOSHIBA
27	ESSAR POWER SALAYA	GUJARAT	ESSAR POWER	P	1200	COAL	1200	2014-15		CHINA
28	ESSAR POWER MAHAN	MP	ESSAR POWER	P	1200	COAL	1200	2014-15		CHINA
29	UMPP SASAN U2-6	MP	RELIANCE	P	3960	COAL	3300	2013-15	June,08	RELIANCE (Main Equpt by SHANGHAI ELEC, CHINA)
30	NIGRI TPP	MP	JP	P	1320	COAL	1320	2014-15		L&T
31	RAIGARH STPP PH-III U 1-4	CHATTISGARH	JINDAL POWER	P	2400	COAL	2400	2013-15	Aug,09	BHEL
32	ELENA POWER NASIK	MAH	ELENA Power India Ltd	P	1350	COAL	1350	2012-14	NOV, 09	BHEL
33	ELENA POWER AMRAVATI	MAH	ELENA Power India Ltd	P	1350	COAL	1350	2012-14	NOV, 09	BHEL
34	JHAJJAR TPP	HARYANA	CLP POWER	P	1320	COAL	1320	2013-14	March,09	SEPCO III, CHINA
35	GOINDWAL SAHIB U-1,2	PUNJAB	GVK POWER	P	540	COAL	540	2012-13	Aug,08	BHEL
36	AVANTHA BHANDAR TPP	CHATTISGARH	AVANTHA POWER	P	600	COAL	600	2014-15	April,09	BHEL
37	BELA TPP	MAHARASHTRA	IDEAL ENERGY	P	270	COAL	270	2013-14	April,09	BHEL
38	ADHUNIK POWER TPP U1,2	JHARKHAND	ADHUNIK POWER	P	540	COAL	540	2012-13	May,July,09	BHEL
39	MALIBRAHMANI TPP	ORISSA	MONET POWER	P	1050	COAL	1050	2013-15	April,09	BHEL
40	DERANG TPP	ORISSA	JITPL	P	1200	COAL	1200	2014-15	April,09	BHEL
41	KAMLANGA TPP	ORISSA	GMR ENERGY	P	1050	COAL	1050	2013-14	Aug, 08	SEPCO III, CHINA
42	COASTAL ENERGEN TPP, TUTICORIN	TN	COASTAL ENERGEN PVT LTD	P	1200	COAL	1200	2014-15	Aug,09	HARBIN POWER ENGINEERING , CHINA (BTG)
43	MEENAKSHI ENERGY	AP	MEENAKSHI ENERGY	P	900	COAL	900	2013-14		CHINA
44	BINA POWER SUPPLY U1,2	MP	BINA POWER SUPPLY CO LTD JAYPEE GROUP	P	500	COAL	500		SEPT,08	BHEL
45	KRISHNAPATTAM UMPP U1-4	AP	RELIANCE POWER	P	4000	COAL	4000		OCT,09	SEC CHINA
46	SIMHAPURI	AP	SIMHAPURI	P	300	COAL	300			
47	BALCO U1-4	CHG	STERLITE	P	1200	COAL	1200		NOV,07	SEPCO
48	TPP AT PIPAVAV U1	GUJ	VIDEOCON	P	600	COAL	600		JUL,09	BHEL
49	<b>TOTAL THERMAL</b>						<b>51536</b>			
	<b>NUCLEAR</b>									
1	RAPP U 7 & 8 (Supply of SG only)	RAJ	NPC	C	700	NUCLEAR	700	2013-15	SEP, 09	BHEL (SG only)
	<b>TOTAL (UNDER CONSTRUCTION)</b>						<b>58683</b>			

C: Central Sector; S: State Sector; P: Private Sector

## HYDRO PROJECTS IDENTIFIED FOR BENEFITS DURING 12<sup>th</sup> PLAN

### Schemes Concurred by CEA / Approved by State Govt.

Sl. No.	Name of scheme	State	Agency	Installed Capacity (MW)	Benefit in 12th. Plan	Issue
1	Kashang -IV	H.P.	HPPCL	48	<b>48</b>	Environment & Forest clearance
2	Kashang-II & III	H.P.	HPPCL	130	<b>130</b>	ADB approval
3	Shahpur Kandi	Punjab	PSEB	168	<b>168</b>	Orders for E&M works to be placed
4	Lata Tapovan	Uttarakhand	NTPC	171	<b>171</b>	CVC's outcome on Bid
5	Pala Maneri	Uttarakhand	UID	480	<b>480</b>	Resistance from NGOs
6	Tehri St-II PSS	Uttarakhand	THDC	1000	<b>1000</b>	Award of EPC contract Sub-judice in Supreme Court
7	Vishnugad Pipalkoti	Uttarakhand	THDC	444	<b>444</b>	Clearance for forest land acquisition
8	Athirapally	Kerala	KSEB	163	<b>163</b>	Court case on Award of Contract
9	Mankulam	Kerala	KSEB	40	<b>40</b>	Order for main works to be placed
10	Ramam St-III	W. B.	NTPC	120	<b>120</b>	MHA clearance for finalisation of Bid
11	Rangit-II	Sikkim	Sikkim Hydro	66	<b>66</b>	Forest clearance
12	Ting Ting	Sikkim	TT Energy	99	<b>99</b>	Environment and Forest clearance
13	Tangnu Romai	H.P.	Tangnu Romai Power Corporation	44	<b>44</b>	Forest clearance
14	Alaknanda (Badrinath)	Uttarakhand	GMR	300	<b>300</b>	Forest clearance
15	Kotlibhel-St-1A	Uttarakhand	NHPC	195	<b>195</b>	Forest clearance
16	Kotlibhel-St-1B	Uttarakhand	NHPC	320	<b>320</b>	Forest clearance
17	Kotlibhel-St-II	Uttarakhand	NHPC	530	<b>530</b>	Forest clearance
18	Rupsiyabagar Khasiyabara	Uttarakhand	NTPC	260	<b>260</b>	Forest clearance
19	UBDC-III	Punjab	Bhilwara Energy	75	<b>75</b>	Forest clearance
20	Achenkovil	Kerala	KSEB	30	<b>30</b>	Environment and Forest clearance
21	Gundia-I	Karnataka	KPCL	200	<b>200</b>	Environment and Forest clearance
22	Dikchu	Sikkim	Sneha Kinetic power projects Ltd	96	<b>96</b>	Forest clearance
23	Rongnichu	Sikkim	Madhya Bharat Power Corporation	96	<b>96</b>	Order for main works to be placed
24	Tashiding	Sikkim	Shiga Energy	97	<b>97</b>	Order for main works to be placed
25	Demwe Lower	Ar. P	Athena Demwe	1630	<b>1630</b>	Environment and Forest clearance
26	Dibbin	Ar. P	KSK Dibbin Hydro Power Pvt. Ltd.	120	<b>120</b>	Forest clearance
27	Siang Lower	Ar. P	Jaiprakash Associates Ltd.	2700	<b>1200</b>	Environment and Forest Clearance
28	Loktak D/S	Manipur	JVC between NHPC & Govt. of Manipur	66	<b>66</b>	Environment and Forest Clearance
			<b>Total</b>	9688	<b>8188</b>	