

Chapter 9.3

Status of ordering of various packages of 12th Plan & beyond Hydro Projects under construction

Sl. No.	Project name/ Exec. Agency CEA clearance/ Approval Capacity (MW)	State Region	Contract	Scope of works & brief details	Contracting Agency (Name & Location)	Contract value (Rs. Crs.)	Date of Contract (commence ment)/ Completion
Commissioned During 12th Plan							
Central Sector							
1	Uri-II NHPC 11.2.2004/ 01.9.2005 4x60 = 240 MW	<u>J&K</u> <u>NR</u>	Civil works	Construction of Diversion Tunnel and its gate, Concrete Gravity Dam, Head Race Tunnel, Surge Shaft, Pressure Shaft, Under ground Power House, Tail Race tunnel	M/s HCC Ltd.	574.99	<u>21.09.2005</u> 9/2009
			E&M works	Design, Manufacture, Supply, Erection, Testing & commissioning	M/s Alstom Projects India Ltd & M/s Alstom Power Hydraulique, France	407.98	<u>29.12.2006</u> 03/2010
			H&M works	M/s Om Metals-SPML (JV)		54.44 crs + € 0.75 million	<u>09.05.2007</u> 31.08.2009
2	Chamera-III NHPC 10.10.2003/ 01.09.2005 3x77= 231 MW	<u>H.P.</u> <u>NR</u>	Civil works	Construction of Diversion Tunnel and its gate, Concrete Gravity Dam, Head Race Tunnel, Surge Shaft, Pressure Shaft, Under ground Power House, Tail Race tunnel	M/s HCC Ltd.	504.87	<u>21.09.2005</u> 31.1. 2010
			E&M works	Design, Manufacture, Supply, Erection, Testing & commng.	M/s Alstom Projects India Ltd & M/s Alstom Power Hydraulique France	251.90	<u>23.01.2007</u> 10/2010
			H&M works	Hydro-Mechanical Packages	M/s Om Metals-SPML (JV)	74.69	<u>26.07.07</u> 15.8.10
3	Chutak NHPC 23.04.2004/ 24.08.2006 4x11 = 44 MW	<u>J&K</u> <u>NR</u>	Civil works	Diversion channel, Barrage, Intake, HRT, Power House, TR	M/s HCC Ltd, Mumbai	410.54	<u>23.09.2006</u> 11/2010
			E&M works	Generating units, and Auxl.	M/s BHEL	198.06	<u>16.08.2007</u> 02/2010
			H&M works	Hydro-mechanical works	M/s PES Engineers Private Ltd.	€ 0.32m+ 25.9 crs	<u>06.08.2008</u> 30.09.2010
4	Teesta Low Dam-III NHPC 25.06.2002/ 30.10.2003 4x33 = 132 MW	<u>W.B.</u> <u>ER</u>	Civil works	Construction of Barrage, WCS, Power House and Tail Race works, Diversion works, Switchyard etc.	M/s Patel Engg. Ltd, Mumbai	239.11	<u>28.10.2003</u> 07/ 2007
			E&M works	Generating Units, Main step up Transformers, Switch Yard, EOT Crane	M/s VA Tech Hydro India Pvt. Ltd. ,Bhopal,	222.78	<u>30.07.2004</u> 10/2007
			H&M works	Various Gates Packages	M/s Texmaco & M/s Alstom Ltd. Kolkata - Consortium	41.53 Cr. + €2.95 (Ist Contract) + 8.85 crs (IInd contract)	<u>11.02.2005</u> 12/2007
5	Nimoo Bazgo NHPC 16.03.2006/24.08.2006 3x15 = 45 MW	<u>J&K</u> <u>NR</u>	Civil works	Diversion channel, Dam, Intake, Power House, Swyd	M/s HCC Ltd, Mumbai	383.90	<u>23.09.2006</u> 06/2010
6	Parbati-III NHPC 12.11.2003/09.11.2005 4x130 = 520 MW	<u>H.P.</u> <u>NR</u>	Civil works	Construction of Rockfill Dam, Intake Structure and part Head Race Tunnel (5.9 km.) etc. Construction of part Head Race Tunnel (1.97km), SurgeShaft, Pressure Shaft, Power House and Tail Race Tunnel etc.	M/s Patel – L&T Consortium M/s Jager – Gammon JV	439.08 324.20	<u>15.12.2005</u> 08/2010 <u>15.12.2005</u> 08/2010

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7	Ram Pur (SJVNL) SJVNL 16.12.2005/25.01.07 6x68.67= 412 MW	H.P. NR	Civil & H&M works	Construction of civil works for HRT (from 51m to 12900m), river diversion works	M/s Patel – Gammon JV, Mumbai	382.44 + USD 9.09 million	01.02.2007 08/2011
				Construction of civil works for HRT (from 12900m to 15088), surge shaft, pressure shaft, Power House & Hydro Mechanical works	M/s Patel – Gammon JV, Mumbai	364.25 + JY 359.13 million	02/2007 04/2011
			E&M works	Turbine generating units and associated auxiliaries	M/s BHEL	476.43 crs + € 15.15m	16.9.2008 15.3.2012
8	Kol Dam NTPC 30.6.2002/Oct.2002 4x200 = 800 MW	H.P. NR	Civil works	Package for Main Dam, Spillway & power intake	M/s Italian Thai Development Public Co. Ltd., Bankok, Thailand	664.56	12/2003 11/2008
				De-silting arrangement	M/s Afcons & RN Shetty & Co. JV Mumbai	158.37	01/2005 11/2008
				Power House, Penstock Tunnels & Tail Race Channel	M/s Gammon India Ltd., Mumbai	189.22	05/2004 11/2008
				Diversion Tunnel	M/s. Continental Cons Ltd., New Delhi	166.65	06/2002 08/2004
			E&M works	Electro-Mech. Package	M/s BHEL, Toshiba & Marubeni JV	261.35	07/2004 04/2009
				Generator Transformer	M/s BHEL	35.26	03/2005 04/2009
				Switch Yard including civil works	M/s L&T hennai	54.74	10/2005 04/2009
			H&M works	Hydro-Mechanical Packages	M/s. OM Metals & Minerals Ltd., Delhi	37.60 + Euro 1.88 M	08/2003 11/2008
			E&M works	Turbine generating units and associated auxiliaries	M/s BHEL	476.43 crs + € 15.15m	16.9.2008 15.3.2012
9	Teesta Low Dam- IV NHPC 23.12.2003/30.09.20 05 4x40 = 160 MW	W.B. ER	Civil works	Construction of Diversion Arrangmt, Concrete Gravity Dam , PH, TRT	M/s HCC Ltd. , Mumbai	395.90 + US \$ 10.2 Million	10.05.2006 09/2009
			E&M works	Supply, erection, testing & commisng of TG unit	M/s BHEL	247.57	10.05.2007 05/2010
			H&M works	Supply, erection, testing & commisng of gates	M/s Om Metals -SPML JV	88.80	09.05.2007 08/2009
State Sector							
10	Bhawani Kattalai Barrage-II TANGEDCO/ 11.6.99 2x15 = 30 MW	Tamil Nadu SR	Civil works & H&M works	Construction of Power House, including TR	K. Rajagopalan & Co. Mettur and M/s Shri Saravana Enterprises, Madurai Consortium	40.22	24.02.2006 23.08.2008
				Construction of Barrage & Gates	K. Rajagopalan & Co. Mettur and M/s Shri Saravana Enterprises, Madurai Consortium	44.75	27.04.2007 26.10.2009
			E&M works	Turbine Generating units and auxiliaries	M/s Litostroj, Slovenia & M/s Koncar Croatia	Euro 15.24 M + 23.685 Cr	27.12.2006 27.05.2009
11	Bhawani Kattalai Barrage-III TANGEDCO/ 27.03.2002 2x15 = 30 MW	Tamil Nadu SR	Civil works & H&M works	Construction of Power House, including TR	M/s East Coast Construction & Industries, M/s General Mechanical works, Chennai	39.99	03.02.2006 21.08.2008
				Construction of Barrage & Gates	M/s East Coast Construction & Industries, M/s General Mechanical works, Chennai	28.23	11.10.2006 01.05.2009
			E&M works	Turbine Generating units and auxiliaries	M/s Litostroj, Slovenia & M/s Koncar Croatia	Euro 15.24 Million + 23.685 Cr	15.11.2006 (27.12.2006) 27.05.2009

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12	Myntdu, MeECL 20.09.99/ 2x42 = 84 MW	<u>Megha laya NER</u>	Civil works	Main Dam Civil Works	M/s SEW Construction Ltd., Hyderabad	87.80	<u>03/2004</u> 03/2007
				HRT, Surge Shaft, Intake, pressure tunnel, PH,TRT	M/s Skanska Cementation (I) Ltd., Kolkata	52.84	<u>02/2005</u> 04/2007
					M/s SEW Construction Ltd., Hyderabad	28.62	<u>02/2006</u> 05/2008
			E&M works	Generating unit & equipment	VA TECH Hydro India (Pvt) Ltd. & Vatech Escher Wyss Flovel Ltd.	66.00	<u>30.11.2005</u> 05/2008
			H&M works	Gates, erection, commissioning	M/s Precision, Ahmedabad	25.62	<u>12/2005</u> 06/2007
13	Baglihar-II JKPDC 3x150= 450 MW	<u>J&K N.R.</u>	Civil works & HM works		Jai Prakash Associates, New Delhi	503.50	<u>31.03.2012</u> 03.01.2016
			E&M works		Voith-Andritz Germany/ Voith –Andritz India consortium	Euro 78.698 million + 447.37 Crs.	<u>31.03.2012</u> 15.08.2015
14	Lower Jurala TSGENCO, TEC in July 2007 6x40=240 MW	<u>Telan gana SR</u>	Civil works	.Excavation of approach channel, powerhouse pit, tail race channel	M/s M. Ramakrishna Reddy, Hyderabad	95.99	<u>10.02.2008</u> 09.02.2010
				Weir woks	M/s Patel-VARKS-JV, Hyderabad	79.10	<u>05.09.2008</u> 04.03.2011
			E&M works	Design, manufacture, testing & commng of TG unit and auxiliaries	M/s Alstom Projects, India	13.7m+238 cr (for supply) 0.007.7m + 43.45crs- erection	<u>09.06.2008</u> 08.01.2013
15	Kashang-I H.P. Power Corpn. Ltd. 11.01 / 09.04.2009 1x65= 65 MW	<u>H.P. NR</u>	Civil and H&M works	River Diversion of Kerang Khand, Trench Weir, Connveyance Tunnel, De- sanding Basins, Connecting Tunnel, Kerang- Kashang Link Tunnel, Drop Structure, Underground Balancing Reservoir, HM works St.-II & St.-III	M/s Patel Engg. Ltd.	252.39	<u>12.11.2010</u> 11.11.2014
			E&M works	Included with Kashang Stage-I			
16	Kashang-II & III H.P. Power Corpn. Ltd. 11.01 / 09.04.2009 1x65 + 1x65= 130 MW	<u>H.P. NR</u>	Civil and H&M works	River Diversion of Kerang Khand, Trench Weir, Connveyance Tunnel, De- sanding Basins, Connecting Tunnel, Kerang- Kashang Link Tunnel, Drop Structure, Underground Balancing Reservoir, HM works St.-II & St.-III	M/s Patel Engg. Ltd.	252.39	<u>12.11.2010</u> 11.11.2014
			E&M works	Included with Kashang Stage-I			
17	Jaldhaka (WSEDCL) 4x9=36 MW	W.B.					
18	Pulichintala (TSGENCO) 4x30=120 MW	<u>Telanga na SR</u>	Civil & H&M Works	Construction of Power House, Tail Race, , gates etc.	M/s SCL-CR18G JV	56.59	<u>01.08.2007</u> 01.02.2011
	Partially commissioned Unit #1 = 30MW		E&M works	Design, manuf., testing & supply of TG unit and auxiliaries	M/s BHEL	155	<u>25.05.2007</u> 24.01.2010

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				Erection of E&M equipment	M/s Hypower Associates, Jabalpur Re-awarded to M/s Yantra Epcom Solutions Pvt. Ltd., Hyderabad	3.63 Crores.	<u>28.08.2009</u> 27.05.2011 (Contract terminated in August 2013) re-awarded 17.02.2014
Private Sector							
19	Budhil Lanco Green Power Pvt Ltd TEC on 2.06.2005 by HPSEB/ March 07 (FC) 2x35=70 MW	H.P. NR	Civil works	Dam, HRT Power house etc	Lanco Infratech Limited	198.0	<u>26.12.05</u> 30.04.08
			E&M works	Supply of TG sets	Dongfang electric Corporation limited, China	40.0	<u>12.07.06</u> 31.03.08
				Supply of other E&M equipment and Erection & commissioning of E&M equipment	Lanco Infratech Limited	56.0	<u>17.07.06</u> 30.04.08
			H&M works	Complete civil works and HM works	Lanco Infratech Limited	198.0	<u>26.12.05</u> 30.04.08
			E&M works	Entire EM works including TG sets	M/s Abir Construc. Pvt. Ltd. TG Set- M/s Dongfang Electric Corporation, Ltd.	40.0	<u>18.10.06</u> 04/08
20	Chujachen Gati Infrastructure Ltd, Secunderabad 30.11.2004 (State Govt.)/ 2x49.5= 99 MW	Sikkim ER	Civil works	Dam, Tunnel, Power House, Surge-Shaft, Intake	M/s SEW –Prasad JV, Hyderabad	200	<u>12.8.2006</u> 03/2009
			E&M works	Generating units and auxiliaries	M/s Alstom Project India Ltd	158	<u>20.12.2006</u> 06/2009
			H&M works	Design Engineering Fabrication & Erection of Gates	M/s SEW Ltd.		<u>08/2006</u>
21	Srinagar GVK Industries Ltd. 20.07.05/ 3.8.2007 (FC) 4x82.5=330 MW	Uttara khand NR	Civil works	Awarded			06/2007
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s BHEL	442.13	04/2007
22	Jorethang Loop M/s DANS Energy 2x48 = 96 MW	Sikkim NER	Civil works and H&M works	Barrage , Tunnel , Power House, Surge-Shaft, Intake, Design Engg., Fabrication & Erection of Gates	EPC Contract M/s SEW Infrastructure Limited	463.3	<u>01.12.2009</u> 01.09.2012
			E&M works	Supply, erection, testing of Generating units and auxiliaries	M/s Alstom Projects India Limited	107.59 + Euro 0.2534	<u>07.08.2009</u> 07.05.2012
Under Execution							
Central Sector							
1	Kishanganga NHPC 06.08.2003/ 14.01.2009 3x110 MW = 330 MW	J&K NR	Turn key Contract	Dam, Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House, Tail Race tunnel	Turn-key execution by consortium of M/s HCC Ltd., M/s DSD Noell Gmbll, Germanyand M/s BHEL with M/s HCC as lead partner.	1925.84	<u>22.01.2009</u>
				Supply of H&M Plant & Machinery		Euro 2.70 crs + 15.24 crs	
				Erection, Testing & Commissioning		Euro 0.10 + 25.17 crs	
				Supply of E&M Plant & Machinery		Euro 0.55 crs + 398.95 crs	
				Erection, Testing & Commissioning		Euro 0.12 crs + 50.06 crs	
2	Parbati-II NHPC 12.10.1999/ 11.09.2002 4x200 = 800 MW	H.P. NR	Civil works	Lot-1: Civil & HM works for Dam and Part HRT (0-3500m)	M/s Patel-SEW JV,	322.9	<u>11.09.2002</u> 10.09.2007
				Lot-2: Civil & HM works of HRT (3500-24733m)	M/s Himachal JV	419.89	11.09.2002 10.09.2007
				Contract terminated in March-12 and Fresh awarded as under.			

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				Lot-2A: Balance civil works of HRT by TBM Lot-2B: Balance civil works of HRT by DBM and associated HM works	M/s Gammon-CMS JV, Mumbai M/s Valecha Engg. Ltd, Mumbai	455.63 176.29	<u>13.08.2013</u> 12.08.2017 <u>21.11.2013</u> 20.11.2017
				Lot-3: Civil & HM works of Power House, Pressure Shaft, Surge Shaft & Part HRT (24733-31525)	M/s Gammon India Ltd.	603.69	<u>13.09.2002</u> 13.03.2007
				Lot-4: Jiwa Nallah Works	M/s BJ_Techno-HAS (JV)	56.47	<u>11.09.2002</u> 10.09.2007
				Contract terminated and Fresh awarded as under:			
				Lot-4A: Balance Civil & HM works of Jiwa Nallah and associated works	M/s Coastal Projects, Noida	78.34	<u>22.06.2011</u> 21.04.2014
			E&M works	Generating Units, EOT Crane Main step up Transformers, Switch Yard and	M/s BHEL	354.44	<u>24.12.2002</u> 23.04.2007
				Electrical & Mechanical Auxiliaries	M/s BHEL	34.2	<u>24.12.2002</u> 23.04.2007
			E&M works	Design, Manufacture, Supply, Erection , Testing & commg.	M/s BHEL	391.11	<u>29.12.2006</u> 02/2011
			H&M works	Hydro-Mechanical Packages	M/s Om Metals-SPML (JV)	96.08	<u>26.07.07</u> 15.8.10
3	Tehri PSS, THDC, 18.7.06 Nov-11 (Revised CCEA) 4x250=1000 MW	<u>Uttara.</u> <u>khand</u> <u>NR</u>	EPC/ Turnkey Contract	i. Planning, Design and Engg. ii. Civil works iii. Supply of EM & HM (off shore) iv. Supply of E&M and HM (on shore) E&M and HM services	Consortium of M/S Alstom Hydro France and Hindustan Construction Company with M/s Alstom Hydro, France as lead partner	Total in 1843.49 E&M equip:- Euro 62.92 million + 474.43 Cr.	<u>23.06.2011</u> 27.07.11 26.01.2016 (Commence ment <u>Date</u>)
							U-1: 48 Mth. U-2: 50 Mth. U-3: 52 Mth. U-4: 54 mth. (from commenc.)
4	Tapovan Vishnugad NTPC 11.08.2004/Nov, 2006 4x130 = 520 MW	<u>Uttara.</u> <u>khand</u> <u>NR</u>	Civil works	Construction of Barrage and De-silting chambers	M/s SSJV Projects Pvt. Ltd. and M/s ZVS, Russia	276..91	01/2007 07/2012 Contract terminated in Nov-10.
				Contract terminated in November-10 and fresh award made in July-12			
				Construction of Barrage and De-silting chambers (Balance Works)	M/s Rithwik Projects Pvt. Ltd., Hyderabad.	457.57	07/2012 03/2015
				Works have been re-awarded. Details to be provided.	M/s L&T Ltd. and M/s Alpine Mayreder Bau GmbH	455.921	11/2006 08/2012
				Power House & Penstock package	M/s Patel Engg. Pvt. Ltd.	221.28 Cr. + Euro 37.58m	05/2007 08/2012
				E&M works Turbine generating units and associated auxiliaries	M/s BHEL	328.28 crs.	1/2008 12/12
			H&M works	Manufacturing, erection & Commissioning of various gates.	M/s Om Metal Infra project Ltd.	64.19 Cr. + €1.26m	10/07 09/12
5	Lata Tapovan, NTPC Aug-2012 3x57= 171 MW	<u>Uttara</u> <u>khand</u> <u>NR</u>	Civil & HM works	EPC Contract	M/s L&T	780.54	17.08.2012 16.08.2017
			E&M Package		BHEL	2611.04	Dec, 12 June, 17

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6	Vishnugad Pipalkoti, THDC 21.08.2008 4x111= 444 MW	Uttara khand NR	Civil & HM works	EPC Contract	M/s HCC Ltd	1597.30	17.01.2014 16.07.2018
			E&M Package	EPC Contract	BHEL	360.36	18.11.2014 17.11.2018
7	Subansiri Lower NHPC 07.06.2001/09.09.03 8x250= 2000 MW	Ar.Pr/ Assam NER	Civil works	Dam/Barrage, Water conductor system	M/s BGS – SGS - Soma JV, Hyderabad	1098.32	19.12.2003 12/2009
				Power House & Tail Race civil works	M/s L & T LTD, Chennai	921.59	19.12.2003 12/2009
				Supply of CIF/CIP: Supply of all off shore equipments and material including general and specified spares.	Consortium of M/s Alstom Power Hydraulique, France And M/s Alstom Project India Ltd.	Euro 76.80 million + US\$ 6,779,760.	11.02.2005 08/2010
			E&M works	Ex-works supply of all equipment and material including general and specified spares of Indian origin.	Consortium of M/s Alstom Power Hydraulique, France and M/s Alstom Project India Ltd.	€ 23.21 million + US\$ 14,56 million + 727.97 crs	11.02.2005 08/2010
				Local transportation including port clearance and port charges and inland insurance and installation services.	M/s Alstom Project India Ltd.	1,23,74,37,486. 00	11.02.2005 08/2010
			H&M works	Supply, erection & commng. of gates	M/s Texmaco Ltd.	283.48 Cr. + Euro 2.22 M	19.06.2006 04/2010
8	Kameng NEEPCO 12 2004/ 4x150 = 600	Ar. Pr. NER	Civil and H&M works	Package-I Bichom Dam & part of Bichom & Tenga tunne	M/s Patel – Unity JV, Mumbai	143.81	08.12.2004 08.02.2009
				Package-II Tenga Dam & part of Bichom & Tenga Tunnel & part of Tenga kimi tunnel		116.40	08.12.2004 08.02.2009
				Package-III P.H. civil works & part of Tenga kimi tunnel		131.65	08.12.2004 08.02.2009
				Package-IV Hydro-mechanical works & penstock lining.	M/s OMML & JSC-JV, New Delhi	236.14	17.12.2004 51 months
				Diversion Tunnel (Re-awarded)	M/s SEW Coastel-JV Hyderabad	39.44	07.01.2010 07/2010
			E&M works	Package-V Generating Units	M/s. BHEL, New Delhi.	241.11	03.12.2004 12/2009
9	Pare NEEPCO 24.9.2007/4.12.2008 2x55 = 110 MW	Ar. Pr. NER	Package-I Civil works	Package-I : Dam, Water Conductor system, Power House	M/s HCC Ltd. Mumbai	276.44	31.08.2009 30.08.2012
			Package-II : H&M works	Package-II : Gates, Trash Rack, Penstocks and Steel liners	M/s Precision Infratech Ltd. Ahmedabad	47.50	03.12.2010 12/2012
			Package-III E&M works	Contract-1 : Design & Engineering, manufacture, Supply of Turbine Generator sets, Control Panels along with Aux.	M/s Andritz Hydro Pvt. Ltd.	108.01 Cr.+ Euro 0.5090	01.10.2010 09/2013
				Contract-2 : Erection, Testing & Commissioning of TG sets, Control Panels along with Aux.	M/s Andritz Hydro Pvt. Ltd., India	11.12	01.10.2010 09/2013
			Package-IV (Switch	Supply of entire equipment of Switchyard & Transformer	M/s Areva T&D India Limited	20.92	26.09.2011 07/2013

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			Yard & Transf ormer	Erection, Testing & Commissioning of Switchyard & Transformer	M/s Areva T&D India Limited	3.23	26.09.2011 07/2013
10	Tuirial NEEPCO Revised CCEA 14.01.2011 2x30= 60 MW	Mizo ram NER	Civil works	Dam & Spillway	M/s Patel Engg. Ltd.	187.98	30.08.2002 14.01.2011 (Revised) 13.01.2014
				Power House, Switchyard and Power Water Way		32.75	31.12.2002 14.01.2011 (Revised) 13.01.2014
			H&M works	Supply, Manufacture, Fabrication, Erection, Testing & Commissioning etc	M/s Sew-PES- Tuirial Consortium	36.43	22.09.2011 09/2013
			E&M works	Lot-V : First Contract: Manufacture, Supply of Power plant equipment, station and unit auxiliaries along with switchyard works. Second Contract: Erection, testing commissioning of Main plant and associated switchyard works.	M/s BHEL, New Delhi.	113.62 + 21.38 = 135.00 (Total)	25.10.2003 01.08.2011 (Revised) 14.01.2014
11	Ramam-III NTPC Ltd. 3x40= 120 MW	W.B. E.R.	Civil works & HM works	Approach road to right bank of barrage to access various project component, Barrage construction, Under ground de- siltling chamber with SFT and 5.1 km HRT	M/s. Simplex-Apex-JV	360.83	10.09.14 09/2019
				Access from bridge on Rammam river to various proj. components, 3.1 km HRT, Surface Power House, 740 m TRC and 132 KV Switchyard.	M/s. SEW Infrastructure Ltd.	265.39	12.12.14 12/2019
			E&M works	Design, Engineering, Manufacturing, Supply, Insurance, Erection, Testing & Commissioning works for EM works EPC contract package.	M/s. BHEL	224.67	19.02.2015 11/2018
State Sector							
12	Polavaram (PPA) 21.07.10/ 25.02.09 12x80 = 960MW	Andhra Pradesh S.R.	Civil works & HM works	Investigation and L.P schedules etc., (Balance) and	M/s. Trans stroy-JSCECUES (JV), Hyderabad	4054.00	02.03.2013 01.03.2018
				1) Construction of Earth Dam Gaps-I & II, Earth-cum-Rock fill Dam for Gap-I & II , Spill channel, Approach channel and Pilot channel.			
				2) Construction of Spillway with concreting level+25.72m and its ancillary work and			
				3) Excavation of foundation of 960MW Hydro electric Power House, approach channel, Intake structure, Tail Race Pool , Tail Race Channel of ISPP on EPC Turnkey including O&M.			
			E&M works	Work yet to be awarded.			

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13	Shahpurkandi, Irrigation Deptt/PSPCL 04.05.2011 3x33+3x33+1x8= 206 MW	<u>Punjab</u> <u>NR</u>	Civil works & HM works	Main Dam alongwith Two head regulators	SOMA-BUREYA Joint Venture	687.51	<u>11.02.2013</u> Oct- 2016
				Hydel Channel	M/s Gurinder Singh Contractor	90.11	<u>26.02.2013</u> Oct- 2015
			E&M works	EPC Contract	BHEL		<u>28.02.14</u>
14	Uhl-III, BVPC Ltd. 19.09.02 / ----- (TEC -2x50 MW) 3x33.3 =100	<u>H.P.</u> <u>NR</u>	Civil works	Neri Intake works & power channel	M/s SSJVPP Ltd. 12 th floor S.N.Tower 25/2 M.G.Road, Banglore Fresh Package awarded on 25.10.08 to: Continental Corp Project Ltd.	8.68	<u>18.04.05</u> 15.8.07 Re-awarded on 25.10.08
				Head Race Tunnel (HRT)	M/s SSJVPP Ltd. 12 th floor S.N.Tower 25/2 M.G.Road, Banglore 560001 Package re-awarded to: Continental Corp Project Ltd.. Re-awarded to M/s Abir Infrastructure Pvt. Ltd., Gurgaon.	69.58	<u>02.04.03</u> 30.04.07 15.10.2010
				Rana Intake Works & Power channel	M/s TRG Industries Pvt Ltd E- 461 Greater Kailash –II New Delhi	17.53	<u>26.07.05</u> 26.10.07
				Penstock fabrication, erection	M/s PES.Engineers Pvt. Ltd. Hyderabad-500016	57.26	<u>27.05.05</u> 27.11.07
				Power House	M/s Pilot Engg., Ludhiana	9.87	<u>19.6.2007</u> 12/2009
				Generating Equipment & Associated Aux, Transformers	M/s BHEL	117.36	<u>15.02. 07</u> 15.04.10
			E&M works				
15	Sawara Kuddu HP Power Corporation, 3x36.67=110	<u>H.P.</u> <u>NR</u>	Civil and H&M works	Package-I : Barrage, Power Intake, Desanding Arrangements and Gates & Hoisting Arrangements	M/s Patel Engineering Ltd.	283.49	<u>08.10.2009</u> 07.06.2012
				Package-II : Construction of HRT	M/s Aban Coastal JV	115.92	<u>17.07.2007</u> 16.07.2011
				Contract Terminated on 09.01.2014. Re-awarded on 03.11.2014 to M/s. HCC.			
				Package-III : Power House Complex, Surge Shaft, Pressure shaft, Machine Hall, Erection Bay, Transformer Cavern, Pot Head Yard, Cable Tunnel, MAT & other Tunnels and TRT	M/s Patel Engineering Ltd.	153.37	<u>04.03.2009</u> 03.06.2012
16	Kashang-II & III H.P. Power Corpn. Ltd. 11.01 / 09.04.2009 1x65 + 1x65= 65 MW Unit#1 65 MW Commissioned.	<u>H.P.</u> <u>NR</u>	Civil and H&M works	River Diversion of Kerang Khand, Trench Weir, Conveyance Tunnel, De- sanding Basins, Connecting Tunnel, Kerang- Kashang Link Tunnel, Drop Structure, Underground Balancing Reservoir, HM works St.-II & St.-III	M/s Patel Engg. Ltd.	252.39	<u>12.11.2010</u> 11.11.2014
			E&M works	Included with Kashang Stage-I			

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17	Sainj H.P. Power Corpn. Ltd. 29.12.2010/ 02.08.2010 2x50=100 MW	H.P. NR	Civil and H&M works	EPC Contract Package for Civil & HM works	M/s Hindustan Construction Co. Ltd.	431.00	<u>02.08.2010</u> 02.08.2014
			E&M works	Generating Units, Generator Transformers, 245 KV GIS, XLPE Cable and other Power Plant equipment for power house complex, Pothead Yard area, Barrage area and BFV house area	M/s Voith Hydro, Pvt. Ltd.	EURO 3304219 + USD \$ 8319779 + 8,79,526,56 5 = 155.56 Crs.(Total Amt.)	<u>17.08.2011</u> 16.02.2015
18	<u>Shongtong Karcham</u> H.P. Power Corpn. Ltd. Clearance: 16.08.2012/ 3x150= 450 MW	H.P. 2017-18 2017-18	Civil And H&M works	EPC Contract Package for Civil & HM works	M/s Patel Engineering Ltd.	103.24	<u>04.08.2012</u> 03.08.2017
19	Koyna Left Bank PSS WRD, Govt. of Mah. 20.02.2004 2x40 = 80 MW	Maha. WR	Civil and H&M works	Barrage, Intake tunnel, Twinlake tap, Ventilation tunnel, Power house, Intake structure,HRT, Pressure shaft, tail surge shaft, penstock, TRT, Bus duct tunnel, Lower intake structure	M/s B.T. Patil-Malaxmi (JV), Pune M/s Patel Engg. Ltd. Mumbai	131.91 Crs. 118.86 Crs.	<u>20.06.2007</u> 30.06.2013 <u>03.10.2007</u> 30.06.2016
			E&M works	Design, manufacture, testing & commng of TG unit and auxiliaries	M/s IVRCL Ltd. Pune Turbine- Litostroj Slovania Generator- Koncar, Croatia	Euro 4.03 Crs + 177.99 Crs	<u>16.12.2010</u> 15.12.2014
20	Nagarujana Sagar TR APGENCO 01 05 (TEC Transfer)/--- 2x25=50 MW	A.P. SR	Civil Work s	Excavation of foundation of dam and power house	M/s Rama Krishna Reddy, Hyderabad	13.38	<u>19.05.2005</u> 15.06.2006
				Spillway, power dam, intake, penstock ferrules	M/s Maytas-Shankara Narayan JV, Bangalore	86.60	<u>15.4.2006</u> 15.4.2008
				Power House	M/s SEW const. Ltd., Hyderabad	22.77	<u>26.09.2006</u> 25.03.2008
			E&M works	Design, manuf. testing & commissioning of TG unit and Auxl.	M/s BHEL	61.26	<u>03.05.2006</u> 02.09.2008
				Erection of E&M equipment	M/s Hypower Associates, Jabalpur		<u>19.03.2008</u>
			HM Works		M/s GTV-PES JV		<u>11.05.2009</u>
21	Pulichintala TSGENCO, 4x30=120 MW	Telanga na SR	Civil & H&M Works	Construction of Power House, Tail Race, , gates etc.	M/s SCL-CR18G JV	56.59	<u>01.08.2007</u> 01.02.2011
			E&M works	Design, manuf., testing & supply of TG unit and auxiliaries	M/s BHEL	155	<u>25.05.2007</u> 24.01.2010
				Erection of E&M equipment	M/s Hypower Associates, Jabalpur Re-awarded to M/s Yantra Epcom Solutions Pvt. Ltd., Hyderabad	3.63 Crores.	<u>28.08.2009</u> 27.05.2011 (Contract terminated in August 2013) re-awarded 17.02.2014

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22	Pallivasal KSEB/ Not Req./31.1.2007 2x30=60	<u>Kerala</u> <u>SR</u>	Civil, H&M works and E&M works	The work was awarded to M/s ESSAR – DEC – CPPL consortium as a single package and an agreement in this regard was executed on 31.01.2007. The contractual date of completion is 48 months i.e. 01.3.2011. E&M: Dongfang Electric Corporation, China (DEC)		242.96 crs + US\$57 million	<u>31.01.2007</u> 01.03.2011
23	Thottiyar KSEB 1x30 + 1x10= 40 MW	<u>Kerala</u> <u>SR</u>	Civil works	Dam, Water Conductor System, power House	M/s Coastal Projects Private Ltd- Chongqing Joint Venture, Hyderabad E&M: Chongqing, China	44.23	<u>22.12.2008</u> 19.05.2012
			H&M works	Gates, erection, commissioning		24.09	<u>22.12.2008</u> 19.05.2012
			E&M works	Planning, Engineering, Manufacture, Supply, Erection, testing & commissioning		75.68	<u>22.12.2008</u> 19.05.2012
24	New Umtru MePGCL 2x20=40MW	Meghal aya <u>NER</u>	Civil works		M/s ITD Cementation (India) Ltd.		<u>20.12.2007</u>
			E&M works	Design, manuf., testing & commissioning of TG unit and auxiliaries	M/s VATech Hydro India Ltd.		<u>25.2.2009</u>
25	Vyasi UJVNL 2x60=120 MW	Uttra khand	Civil works	Intake, Dam half portion of HRT 1.35 km.	M/s. Gammon India Ltd.	317 Crs.	
				Half posrtion of HRT 1.35 km, Surge Shaft, Penstock, Powerhouse, TRC	M/s. NPCC Contract value	114.59 Crs.	
			E&M works		M/s. BHEL	125 Crs.	<u>26.03.2014</u>
26	Teesta Stage III Teesta Urja Ltd. 12.05.2006/ yet to be (FC) 6x200= 1200MW	<u>Sikkim</u> <u>ER</u>	Turn key execution award issued to the consortium of CKD-NEC-SEW-CGGC-ABIR-SABIR on 18.04.2007 with NEC (Navyug Engg. Co.) as lead partner.				
			E&M works	Generating units, and auxiliaries	M/s Andritz Hydro ,India	1100.12	<u>18.10.2007</u> 17.012012
Private Sector							
27	Ratle GVK Ratle HEP Pvt. Ltd. (GRHEPPL) 19-12-2012 4x205+1x30= 850 MW	<u>J&K</u> <u>NR</u>	Civil & HM Work s	EPC contract for Civil & HM works including infrastructure works	GVK Projects & Technical Services Ltd.	2400	<u>20.07.2012</u> 31.12.2017
			E&M works	EPC contract for E&M Works	M/s Alstom, India	800 Cr. + Euro 600000 + USD 4200000	<u>31.12.2012</u> 31.12.2017
			Review of Design of EPC Contractors			Lahmeyer International (India) Pvt. Ltd.	8.30 Cr. + Euro 580000
28	Sorang Himachal Sorang Power Pvt. Ltd 2x50=100 MW	<u>H.P.</u> <u>NR</u>	Civil works	Power house, and other works	M/s NCC-Maytas- SSJV Consortium	184	<u>06/2007</u>
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s Voith Siemens, India	146	<u>06/2007</u>
29	Tidong-I M/s NSL Tidong Power Gen. Ltd. 2x50 = 100 MW	<u>HP</u> <u>NR</u>	Civil works	Construction of River diversion, barrage, intake, Desilting basins, storage reservoir & HRT (RD 0 m -905 m)	M/s SCL Infratech Ltd. Hyderabad	127.996	<u>07.11.2008</u> 06.11.2011
				Construction of HRT (RD 905 m-RD 5537 m)	M/s SCL Infratech Ltd. Hyderabad	83.327	<u>7.11.2008</u> 09/2014
				Construction of HRT (RD 5537 m -RD 8537 m)	M/s Himalaya Construction (P) Ltd.	31	<u>07.07.2011</u> 06.07.2015
				Construction of Surge Shaft, Pressure Shaft, Power House and Tail Race Channel	M/s Himalaya Construction (P) Ltd.	40	<u>07.07.2012</u> 06.06.2015

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			E&M works	Supply, Installation, testing & commissioning of TG sets	M/s Alstom Projects, India	84	<u>28.02.2011</u> 27.05.2013
30	Tangnu Romai-I M/s Tangu Romai Power generation 2x22= 44 MW 30.11.2007 HPSEB	<u>HP</u> <u>NR</u>	Civil works	Construction of Diversion Barrage, Intake, desilting, HRT, Surge Shaft, Penstok, Power House & Tail Race Channel	M/s Sai Urja Hydel Projects (P) Ltd., Shimla	164.7	<u>14.06.2010</u> 06/2014
			E&M works	Supply, installation, T&C of TG set, Switchyard equipment & associated auxiliaries	M/s Andritz Hydro, India	56	<u>17.04.2013</u> 16.07.2015
31	Bajoli Holi M/s GMR Bajoli Holi Hydro Power Pvt. Limited 31.12.2011	<u>HP</u> <u>NR</u>	Civil works	Lot-I & Lot-II All Major Civil Works	M/s Gammon India Ltd.	369 +400	<u>29.05.2013</u> 30.11.2017
			E&M works	E&M works	M/s. Alstom, India		
32	Chanju-I M/s IA Energy 24.04.2010 3x12 = 36 MW	<u>HP</u> <u>NR</u>	Civil works	Excavation of Barrage, River Diversion, Desilting arrangement, HRT (Package – I & II) & complete water conductor system	M/s Ashok Chauhan & Co., Shimla		<u>13.09.201</u>
				Excavation of Power House & Switchyard	M/s S.K.K. Mahajan Enterprise, Tissa, Distt. Chamba		<u>23.07.2011</u>
				Concreting/Lining works of River Diversion, Barrage & Power intake, desilting arrangement, HRT Package-I	M/s Him Hydro Joint Venture, Palampur, Distt. Kangra		<u>14.09.2011</u>
				Concrete lining of HRT Package-II	M/s Tuscon Engineers Pvt. Ltd., Kolkatta		<u>14.09.2011</u>
				Civil works of Power House, Switchyard & Valve House	M/s Him Hydro Joint Venture, Palampur, Distt. Kangra		<u>30.07.2011</u>
			H&M works	Design, Engineering, Manufacture, Farication & Erection of all hydro- mechanical gates & equipment	M/s ATB RIVA CALZONI India Pvt. Ltd., New Delhi		<u>06.08.2012</u>
			E&M works	Manufacturing., Supply, erection & commng. of TG units	B Fouress Pvt. Ltd., Banglore		<u>21.09.2011</u>
33	Phata Byung M/s Lanco 06.10.2008 2x38 MW = 76 MW	<u>Uttarak</u> <u>hand</u> <u>NR</u>	Civil works	Dam, water conductor System, power House	Lanco Infratech Ltd.	206	<u>12.04.2008</u> 07/2012
			H&M works	Design, Engineering, Manufacture, Farication & Erectio,n of all hydro- mechanical equipment	M/s CIMMCO	34	<u>12.04.2008</u> 08/2012
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s Alstom Project, India	84	<u>12.04.2008</u> 08.2012
34	Singoli Bhatwari M/s L&T 11.07.2008 3x33 MW = 99 MW		Civil works	P-1 (Project Roads & Bridges)	M/s L&T DPBU	34.2214	<u>2.5.2008</u> ---
				P-2 (Dam/Barrage, Tunnels)		381.7573	<u>6.10.2008</u> ---
				P-39Power House, Tail Race Tunnel &Associated works)		87.7931	<u>20.6.2008</u> ---
			H&M works	Supply, fabrication, Manufacturing, commissioning of Gates and Hoists	M/s General Mechanical Works Private Limited	25.45	<u>4.12.2011</u> 12/2014
				Supply, fabrication, Manufacturing, commissioning of Steel Liners	NA		

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			E&M works	Generating units and auxiliaries	M/s Voith Hydro, India	EURO 1813069 + \$ 3006954 + 963332930 + 122570000	<u>15.06.2011</u>
35	<u>Maheshwar</u> , SMHPCL 12 96/ 29.9.2006 (FC) 10x40= 400MW	<u>M. P.</u> <u>WR</u>	Civil and HM works	All civil works like dam, Power Dam, HRC, Penstock PH etc.	M/s SEW Construction – Prasad and Company Ltd.	275.0 Crs. 22.02.97	<u>22.02.1997</u> 03/2005
			E&M works	Manuf., Supply, erection & commng. of TG units	M/s BHEL	470.5 Crs. + USD \$ 11.74 M 18.05.2001	<u>25.06.2007</u> 10/ 2009
36	<u>Teesta-VI</u> M/s Lanco Energy Pvt. Ltd. 27.12.2006/ 07/2007(FC) 4x125= 500MW	<u>Sikkim</u> <u>NER</u>	Civil works	Dam, Tunnel , Power House, Surge-Shaft, Intake	EPC contract To M/s Lanco Infratech Ltd.	2260.00	<u>03/2007</u>
			H&M works	Design Engineering Fabrication & Erection of Gates			10/2011
			E&M works	Main Plant Generating units, and auxiliaries	M/s Alstom Projects, India	568.00	<u>04/2009</u>
37	<u>Rangit-IV</u> Jal Power Corp. Ltd. 06.07.2007/23.10.20 07(FC) 3x40 MW= 120	<u>Sikkim</u> <u>NER</u>	Civil works	Dam, Intake, desilting chamber Package	M/s Coastal Projects Pvt. Ltd	125.297	<u>01.02.2008</u> 46 months
				HRT Package		127.9	<u>22.11.2007</u> 47 months
				Power House, Surge-Shaft, Pressure Shaft, Switchyard & Tail race Channel		77.789	<u>23.05.2008</u> 48 months
				Road diversion Tunnel		7.938	<u>6.12.2007</u> 4 months
				Hill slopes Stabilization	M/s Bumi Engineering	19.951	<u>16.01.2010</u> 12 months
			H&M works	Supply , Fabrication, Assembly, testing, painting, erection of various gates and their operating equipment including accessories, auxillaries etc.	M/s Texmaco Rail & Engg. Ltd.	36.7	
			E&M works	Package-I (Generating units and auxiliaries)	M/s Andritz Hydro, India	111.11	<u>28.08.2009</u> 12/2012
				Package-II (Balance of Plant)	M/s Siemens Ltd.	53.9	<u>14.04.2011</u> 04/2013
38	<u>Bhasmey</u> Gati Infrastructure 2x25.5 = 51 MW	<u>Sikkim</u> <u>NER</u>	Civil works	Dam, Tunnels , Power House, Surge Shaft, Pressure Shaft, Intake	M/s Simplex Infrastructure Ltd.	160	<u>12.04.2010</u> 11/2012
			H&M works	N.A.			
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s Voith Hydro, India	93	<u>14.04.2010</u> 10/2012
39	<u>Tashiding</u> M/s Shiga Energy Private Ltd. 2x48.5 = 97 MW	<u>Sikkim</u> <u>NER</u>	Civil and H&M works	Dam, Tunnel , Power House, Surge Shaft, Pressure Shaft, Intake, Design Engineering Farication & Erection of Gates etc.	M/s Bumi Geo Engineering Limited	300	<u>28.03.2011</u> 09/2013
			E&M works	Manufacturing., Supply, erection & commissioning of TG Units.	M/s Alstom Projects, India	107.99	<u>21.05.2010</u> 11/2012
40	<u>Dikchu</u> Sneha KineticPower Projects Pvt. Ltd. 21.10.2011 2x48= 96 MW	<u>Sikkim</u> <u>NER</u>	Civil works	Dam, Tunnel , Power House, Surge Shaft, Pressure Shaft, Intake	M/s Haridwar Infrastructure Private Limited	498	<u>22.03.2011</u> 03/2014
			H&M works	Design Engineering Fabrication & Erection of Gates			

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			E&M works	Manufacturing, Supply, erection & commissioning of TG units	Alstom Projects, India		<u>07/2011</u>
41	Rangit-II Sikkim Hydro Power Limited 2x33= 66 MW	<u>Sikkim</u> <u>NER</u>	Civil &HM works	EPC Contract	M/s Coastal Project Limited	220.35	<u>13.12.2011</u> 23.10.2013
			E&M works		M/s. Gammon India Ltd.		<u>24.03.2012</u>
42	Rongnichu Madhya Bharat Power Corporation Ltd. 2x48= 96 MW	<u>Sikkim</u> <u>NER</u>	Civil works	Barrage, Desilting Basin, Tunnel , Power House, Surge Shaft, Pressure Shaft, Intake etc.	M/s SEW Infrastructure Ltd.	157.298	<u>07.04.2010</u> 05.10.2013
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s Voith Hydro, India	101.100	28.09.2011
43	Panan Himagiri Hydro Energy Pvt. Ltd. 07.03.2011 4x75= 300 MW	<u>Sikkim</u> <u>NER</u>	Civil works	Coffer Dam, Diversion Tunnel, Dam, Desilting Basin, Power House, Surge Shaft, Pressure Shaft, Intake etc.	M/s Essar Projects (India) Ltd..	392.40 (Excl. cost of cement, Steel, explosives)	<u>22.02.2014</u> 21.02.2018 (48 months)
			E&M works	Manufacturing., Supply, erection & commng. of TG units	Under Award		
44	Gongri Dirang Energy Pvt. Ltd. 04.02.2013 2x72= 144 MW	<u>Ar.</u> <u>Pradesh</u> <u>NER</u>	EPC Ctrt.	Planning, Engineering, Design and Construction of Civil, HM, E&M & Infrastructure works.	Patel Engineering Ltd, Mumbai	989.589	<u>22.12.2011</u> 19.11.2017
					(42 months from date of start) State Pollution Control Board issued consent to establish in 19.05.2014		
			E&M works	Manufacturing., Supply, erection & commng. of TG units	M/s Andritz Hydro Pvt. Ltd.		13.12.2013