

STEAM TURBINE GENERATOR

(Erection Jobs Executed)

Sr. No.	Name of Client	Description of Work	Year of Award	Stipulated Period of Completion	Actual Period of Completion
1	Larsen & Toubro Limited EPC Power, Vadodara-391 740	Erection of Turbine & Other Mechanical packages and Power Cycle Piping package (5810 MT) for 2X700 MW Rajpura TPP at Rajpura, Dist.: Patiala, Punjab	2012	26 Months	26 Months
2	Siemens Limited Budhkar Marg, Worli, Mumbai-400 018	Erection, testing and commissioning of 3 nos. Gas Turbine sets and 3 nos. Steam Turbine sets (3XSCC 5-4000 F single shaft configuration) for 1200 MW DGEN CCPP, Dahej, Gujarat (Delay in availability of civil foundation, EOT crane & modification of GT blade)	2011	17 Months	26 Months
3	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, Testing, Commissioning, Trial operation and handling over of Turbine and Generator Set and its auxiliaries, HP/LP Heater and Deaerator, TG integral Piping, Generator Piping, CW piping, Circulation water Pumps, Auxiliary Cooling Water Pumps, On line Condenser tube cleaning System, Insulation and Final Painting etc of 1X500 MW Ukai Thermal Power Project Unit#6 at GSECL, Dist-Tapi, Gujarat (Delayed due to non-availability of civil Foundation & erection material)	2010	22 Months	36 Months (Synch. of m/c achieved on 30/09/2012, within contractual period)
4	Shandong TIEJUN Electric Power Engineering Co. Ltd. 151, Zhuzhou Road, Dist. Laoshan, Qingdao, P R China	Construction of FGD Island (<u>Limestone-Gypsum Wet FGD System</u>) of 2X600 MW Mahatma Gandhi TPP , Jhajjar, Haryana	2012	12 Months	11 Months
		Construction Work of Turbine Island of 2X660 MW Mahatma Gandhi TPP , Jhajjar, Haryana	2010	18 Months	18 Months
5	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, Testing Assistance for Commissioning of Fr 9FA Gas Turbine, GTG, Steam turbine, STG, its auxiliaries, including, CW Piping etc for 350 MW CCPP Hazira, Gujarat (Delayed due to non-availability of civil Foundation & erection material)	2009	11 Months	27 Months
6	North Delhi Power Limited Hudson Lines, Kingsway Camp, Delhi- 110 009	Condition assessment, Overhauling, Erection, Testing and Commissioning of 2 nos. WHRBs, 2 nos. GTG sets, 1 no. STG set, their accessories, auxiliaries, connected piping, insulation and painting for 108 MW Rithala CCPP , Rithala, Delhi (Delayed due to civil fronts clearance & Supply materials, modification /rectification works)	2009	10 Months	24 months

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7	Shandong TIEJUN Electric Power Engineering Co. Ltd. Tunda & Siracha, Mundra, Kutch-370 435	Construction of Turbine Island (Unit#6 & Unit#8) for 2X660 MW APL Project at Mundra , Gujarat UEPL has also carried out following various jobs at APL Power Project: (1) Erection Work of Critical Piping of 2X330 MW (Phase-I) & 2X330 MW (Phase-II) from M/s Adani Power Limited (Total Tonnage: 1600 MT) (2) Construction of Duct of Unit#9 (Sea Water FGD) (Phase IV: 3X660 MW) (3) Erection of CW Piping of Unit#9 (Phase IV: 3X660 MW) (4) Construction of Cooling Tower of Unit#5 (Phase III: 2X660 MW) & Unit#7, Unit#8 (Phase IV: 3X660 MW)	2009 STG Package	18 Months	18 Months
8	BHEL HRDI & PSNR, Plot. No. 25, Sector-16A, Noida-201 301	Erection, testing, commissioning, trial operation and handing over of Unit # 6 TG set with Auxiliaries of 1X490 MW Dadri National Capital Power Project (NCPP) Dist. Gautam Budh Nagar, U.P.	2009	22 Months	22 Months
9	SEPCOIII Electric Power Construction Corporation Bhurkhamunda PO, Jharsuguda-768 208	Construction of Turbine Island Package A (Unit #1, #2, #3, #8 & #9 Erection and Installation of Turbine Islands and Chemical Water Treatment system equipment) for 9X135 MW Captive Power Project at Vedanta Alumina Ltd., Jharsuguda , Orissa <u>Additional Work:</u> Erection of Deaerator/FST for Unit#4, #5, #6 & #7 and also erection of 8 Nos. CW pumps are awarded to UEPL	2007	24 Months	24 Months
10	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Collection of materials from BHEL/clients stores/ storage yard, Handling at stores/ storage yard, transportation to site of work including via pre-assembly yard, Erection, Testing , Assistance for Commissioning, Final Painting & Handling over of Condenser, Steam Turbine, Generator, Static equipment, Pumps & auxiliaries including TG integral piping , ESV to Turbine & Gland Steam Piping etc. at 1X80 MW Unit#3 STG set at Chanderiya Lead Zinc Smelter Captive Power Plant Hindustan Zinc Ltd. Chittorgarh , Rajasthan	2007	8 months	8 months

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11	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Collection from BHEL/ Clients stores/storage yard, Handling, Loading, Transportation to site of work; Assembly, Erection, Testing, Assistance for commissioning, Final Painting and handling over of aux cooling water circulation pumps, Cooling water make-up pumps, Aux cooling water pumps, Aux cooling water make up pumps, Plate type heat exchangers, CCW Expansion tank and raw water make-up pumps with associated auxiliaries, Fittings and electrical and Control & Instrumentation etc. of 1X112.45 MW CCPP, Dhuvanan, Gujarat	2006	3 months	3 months
12	BHEL HRDI & PSNR, Plot. No. 25, Sector-16A, Noida-201 301	Erection, testing, commissioning and trial operation of TG along with Piping and pipe rack / structure work (900 MT) for 1X210 MW Unit#5 (Stage-III) at Feroze Gandhi Unchahar Thermal Power Plant, U.P.	2005	14 months	14 months
	NTPC Limited, Unchahar, Raebareli-229 406	Erection, testing and commissioning of complete Extraction Piping for 1X210 MW Unit#5 (Stage-III) at Feroze Gandhi Unchahar Thermal Power Plant , UP	2006	2 months	2 months
13	Larsen & Toubro Limited ECC Division, 6-3-1109/1, Nava Bharat Chambers, Raj Bhavan, Somajiguda. Hyderabad-500 082	Erection, Testing and commissioning assistance of 1 no. STG set and their auxiliaries for 445 MW CCPP, Konaseema Gas Power Project at Ravulapalem, Dist. East Godavari, A.P.	2005	8 months	8 months
14	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Erection, Testing, Commissioning, trial operation and handing over of 2 sets of Turbine, Generator, Piping and associated auxiliary systems of 2X220 MWe at Rajasthan Atomic Power Project (Unit#5 & Unit#6) at Rawat Bhata, near Kota, Rajasthan	2005	26 months	35 months
15	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, testing and commissioning and handing over of 2X77 MW STG sets, their auxiliaries, piping including final painting for a CPP at Hindustan Zinc Ltd., Chanderiya, near Chittorgarh, Rajasthan	2004	11 months	11 months

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16	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Erection, testing and commissioning of STG set with Auxiliaries and Piping for 2X250 MW Unit#7 & #8 at TDLPS, Panipat, Haryana	2003	19 months	19 months
17	NTPC-Alstom Power Services Pvt. Ltd. (NASL) Mohan Co-operative Industrial Estate, Mathura road, New Delhi-110 076	Dismantling, unloading, storage, transporting, erection, commissioning and trial run of turbine package required for renovation & modernization of 1X110 MW Station 'D' of Sabarmati TPS of M/s AEC Ltd., Ahmedabad, Gujarat	2003	90 Days	90 Days
18	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, testing & commissioning of 1x Fr.6 FA 70 MW GTG set & its auxiliaries and Balance of plant equipment, 1 x 38 MW STG set & its auxiliaries etc for 1X108 MW CCPP at GSECL, Dhuvaran, Dist. Kheda, Gujarat	2002	8 Months	8 Months
19	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Erection, testing and commissioning of STG set with Auxiliaries and Piping for 1X195 MW Unit#6 at Kota TPS (Extension), Rajasthan	2002	16 Months	11 Months (National Record)
20	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, testing, commissioning and trial operation of 1X37.825 MW STG set at Ramgarh Power Station, Ramgarh, Rajasthan	2001	6 Months	6 Months
21	BSES Ltd. BSES Tower, 5th floor, A-2, Sector-24, Noida-201 301	Erection, testing and commissioning and handing over of Steam Turbine, its auxiliaries piping and Supply of Paints, Turbine oil, Insulation materials for 24 MW Bagasse Based CCPP for Godavari Sugar Mills Ltd., at Sameerwadi, Karnataka	2000	6 Months	6 Months
22	Utility Powertech Ltd. (A joint venture of BSES & NTPC) BSES Tower, Sector-24, Noida-201 301	Erection, testing and commissioning and handing over of 1x150 MW GTG set (V94.2 model) and 1X80 MW STG set, axial flow condenser, their auxiliaries, piping, thermal insulation, EOT cranes, final painting etc. for 230 MW CCPP for BSES Andhra Power Ltd. At Samalkot, Nr. Kakinada, Andhra Pradesh	2000	12 Months	12 Months
23	DODSAL Ltd. Plot No.1, Udyog Nagar Estate, S. V. Road, Mumbai-400 062	Erection, testing and commissioning of 2 x 55 MW GTG and 1X50 MW STG (Alstom make), its auxiliaries (Mechanical parts only) at 160 MW CCPP for GSEG, Hazira	2001	6 Months	6 Months

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24	Tata Projects Ltd. 1-10-60/3, Survodaya, Begumpet, Hyderabad-500 016	Erection, testing and commissioning of 1X25 MW STG (BHEL make), Auxiliaries and piping at M/s Tata Power Co. Ltd., Wadi for Associated Cement Co. (ACC)	2001	6 Months	6 Months
25	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Erection, testing and commissioning of 1X12.5 MW STG , Auxiliaries and piping at Rana Sugar Ltd., Amristar , Punjab	2001	4 Months	4 Months
26	Reliance Salgaocar Power Co. Ltd., Opp. Sancoale Industrial Estate, Zuarinagar, Sancoale, Goa-403 726	Receipt, Unloading & Stacking at stores/ storage yard, Transportation to site, Erection, Testing and Commissioning of 1X37 MW Steam Turbine Set (BHEL make), Condenser, Auxiliaries and Piping (IBR & N-IBR) for a CCPP at Reliance Salgaocar Power Co. Ltd. (RIL group), Goa	1999	3 Months	3 Months
27	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Erection, testing and commissioning of 1X235 MWe TG , its Auxiliaries and Piping for Unit#4 at Rajasthan Atomic Power Project , Rawathbata, Kota	1998	24 Months	24 Months
28	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Handling, Transportation to site, Erection, Testing, Commissioning, Trial operation and Handing over of 2X140 MW (V94.2 model) GTG Sets, their Auxiliaries, connected Piping and 1 x 150 MW STG Set, Condenser, Auxiliaries, other Misc. Equipment, Piping, Thermal Insulation and Finish painting for NTPC 430 MW FGPP, Faridabad , Haryana	1998	18 Months	18 Months
29	BHEL HRDI & PSNR Plot No. 25, Sector -16A, Noida-201 301	Handling at site storage yard/ stores, transportation to site, Erection, Testing, Commissioning, handing over of Steam Turbine, Turbo-generator, Condenser, CW Piping, Aux's and Final painting for 2X125 MW Sets for STG & CFBC boilers at GIPCL Surat Lignite Power Project, Mangrol , Surat Dist., Gujarat	1997	21 Months	21 Months
30	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Handling at site storage yard/ stores, transportation to site, Erection, Testing, Commissioning, handing over of Steam Turbine, Turbo-generator, Condenser, CW Piping, Auxiliaries and Final painting for 1X210 MW Unit#5 at Gandhinagar TPS for Gujarat Electricity Board, Gujarat	1996	21 Months	21 Months

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31	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, testing and commissioning of 1 x 107.9 Mw (Fr.9) G.T. Set, 1X54.6 MW Steam Turbine Generator set , Condenser, Auxiliaries, Piping etc. at GIPCL, Vadodara	1996	11 Months	11 Months
32	BHEL PS-WR, 345, Kingsway, Nagpur-440 001	Erection, testing, commissioning and final painting of 1x31 MW GTG Set, Auxiliaries and 1X34 MW STG Set, Condenser, External Piping and Auxiliaries at IPCL, Gandhar, Gujarat	1995	10 Months	10 Months
33	Deutsche Babcock Balcke Durr Ltd., Bangalore- 560 010	Receipt, unloading & stacking, transportation to site, erection, testing and commissioning of 1 x 65 TPH HRSG and 1X14.3 MW Steam Turbine (Skoda make) Generator set, their Auxiliaries and Piping for a CPP at Reliance Industries Ltd. Naroda, Ahmedabad, Gujarat.	1995	7 ½ Months	7 ½ Months
34	BHEL PS-NR, Overseas Projects Division, New Delhi-110 001	Receipt of materials, unloading from various sources, verification & stacking at storage yard / stores, transportation to site, Erection, Testing, Commissioning and Trial Operation till handing over of Structures, Turbo-generator Sets, their Auxiliaries, Pumps, Ancillary Equipment, Piping & Valves and Thermal insulation including all Electrical and C&I for 2X60 MW Dhekelia 'B' Power Station for Electricity Authority of Cyprus at CYPRUS (Europe)	1992	15 Months	15 Months
35	BHEL PS-NR, Overseas Projects Division, New Delhi-110 001	Erection, Testing and Commissioning of Turbo-generators, their Auxiliaries, Pumps, Ancillary Equipment, Piping, Valves, Structures and Thermal Insulation including all Electrical and Control & Instrumentation works for 2X60 MW Delimara Power Station for Enemalta Power Corporation at MALTA (Europe)	1990	15 Months	15 Months
36	BHEL Heavy Power Equipment Plant, Hyderabad-502 032	Erection, Testing and commissioning of 3x33 MW (Frame 6) Gas Turbine sets and 1x45 MW STG set, their auxiliaries & Structural at GIPCL, Vadodara	1990	24 Months	24 Months
37	BHEL Vadodara	Erection, Testing and commissioning of 2X210 MW TG sets, Auxiliaries, Piping and Pumps at GEB Gandhinagar TPS (KWU Design)	Unit #1 1987	Unit #1 20 Months	Unit #1 20 Months
			Unit #2 1989	Unit #2 30 Months	Unit #2 30 Months

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38	BHEL New Delhi	Erection, Testing and commissioning of 1X110 MW Turbo – Generator set, Auxiliaries and Piping for Sabarmati 'F' Power Station (CZECH design) at Ahmedabad Electricity Co. Ltd. , Ahmedabad	1987	15 Months	15 Months
39	BHEL New Delhi	Erection, Testing and Commissioning of 2X210 MW TG, its auxiliaries, piping & pumps for RSEB TPS Unit#3 & Unit#4 at Kota , Rajasthan (KWU German Design)	1987	30 Months	30 Months
40	BHEL Vadodara	Erection, Testing and Commissioning of 1X110 MW TG set, its auxiliaries and Piping for Sabarmati 'E' Power Station (CZEC Design) at Ahmedabad Electricity Co. Ltd. , Ahmedabad, Gujarat	1985	18 Months	18 Months
41	BHEL Vadodara	Erection, Testing and Commissioning of 2X210 MW Turbo Generators Sets(KWU Design) their Auxiliaries, Piping and CW Pumps for GEB Wanakbori TPS Unit#4 & Unit#5 , Wanakbori, Gujarat	1983	30 Months	30 Months
42	BHEL Vadodara	Erection, Testing and Commissioning of 1X200 MW Turbo Generator, its Auxiliaries and Piping for GEB Wanakbori TPS Unit#3 (USSR Design) at Wanakbori, Gujarat	1981	18 Months	18 Months
43	BHEL Ashoka Estate- 24, New Delhi-110 001	Erection, Testing and Commissioning of 1X200 MW Turbo Generator for GEB Wanakbori TPS , Gujarat. (RUSSIAN Design)	1981	15 Months	15 Months
44	BHEL, Ashoka Estate- 24, New Delhi-110 001	Erection, Testing and Commissioning of 2X120 MW Condenser, Turbine Generators, Piping and Auxiliaries like Heaters, Coolers and 64 Pumps including Cooling water and feed pumps at TRIPOLI TPS, LIBYA Erection, Testing and Commissioning of 1X10 MW Gas Turbine and its Switch Gears, Panels, Power & Control Cable laying and termination including C & I works. Erection, Testing and Commissioning of 2X5 MW Diesel Generators and its Switch Gears, Panels, Power & Control cable laying and termination incl. C&I work Laying of Power & Control cable, Termination of the same for 2X120 MW TG set on Unit rate basis Service contract for providing skilled and unskilled totaling 30 Nos. for the works in store, civil grouting and mess etc. Shifting of Generator Stator to a distance of 250 Mtr	1981	20 Months	20 Months

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45	BHEL PPD Chennai	Erection of 1X120 MW Condensers only at Tuticorin (Russian Design)	1979	3 Months	3 Months
46	BHEL PPD Chennai	Erection, Testing and Commissioning of 1X110 MW TG set (CZEC Design) its Auxiliaries and Piping at Sabarmati TPS for Ahmedabad Electricity Co. Ltd., Ahmedabad , Gujarat	1979	20 Months	15 Months
47	BHEL PPD Chennai	Erection of 2X120 MW STG sets and their Auxiliaries at Gandhinagar TPS for GEB (AEG Design) Gujarat	1978	18 Months	18 Months
48	BHEL New Delhi	Erection of 2X110 MW STG sets with auxiliaries at PATRATU TPS for BHEL PPD New Delhi / Calcutta (CZEC Design)	1977	20 Months	20 Months