



Enriching Lives

GLOBAL REFERENCE LIST POWER SECTOR

NUCLEAR, THERMAL AND HYDRO POWER



KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company

ABOUT KBL

Kirloskar Brothers Limited (KBL) is a world-class pump manufacturing company with expertise in the engineering and manufacturing of fluid management systems. Established in 1888 and incorporated in 1920, KBL is the mother company of the Kirloskar Group. KBL provides complete fluid management solutions for large infrastructure projects in the areas of water supply, power plants, irrigation, building & construction, oil & gas industry, and marine & defence. KBL manufactures industrial, agriculture and domestic pumps, valves and hydro-turbines.

Over the years, KBL has developed innovative products, which have enabled it to carve a niche globally. It is a global conglomerate and is equipped with the best technologies in the world. It is also India's largest centrifugal pump manufacturer with nine manufacturing facilities in India along with other international subsidiaries and operations in the Netherlands, South Africa, Thailand, the United Kingdom, and the United States of America. KBL has over 16,000 channel partners globally and is supported by best-in-class Pan-India network of authorised service and refurbishment centres.

KBL is the first Indian pump manufacturing company to be certified for Integrated Management System, (ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018).

Its factories deploy Total Quality Management tools using the European Foundation for Quality Management (EFQM) model.

Indian subsidiaries and joint ventures

- Kirloskar Ebara Pumps Limited (KEPL) manufactures API, Non-API pumps, and steam turbines.
- Kirloskar Corrocoat Private Limited (KCPL) is the leading solution provider in long-term corrosion protection and energy conversion.

- Karad Projects and Motors Limited (KPML) is a motor manufacturing company with expertise in the manufacture of stampings, stators, rotors, AC rotating machines, aluminium die-cast connecting rods and pump assemblies. It also houses a notable foundry facility specialising in the manufacture of a wide range of carbon steel, alloy steel, stainless steel and cast iron castings for industries such as pumps, valves, turbines, shipping, heavy engineering applications and more.

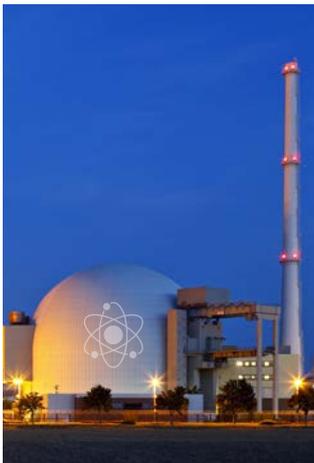
International, subsidiaries and joint ventures

- SPP Pumps Limited, United Kingdom is a 140-year-old leading pumps manufacturer of centrifugal pumps and associated systems, a global principal in the design, supply and servicing of pumps, renowned fire pump packages and high-quality equipment for a wide range of applications and industry sectors. It is the largest pump manufacturer in the United Kingdom.
- SyncroFlo, Inc., United States of America manufactures pre-assembled pumping systems and provides solutions for HVAC systems, fire protection and turf irrigation.
- Rodelta Pumps International is a Dutch pump manufacturing company that offers products for flood control, irrigation, drinking water, wastewater, pulp & paper, power, chemical, oil & gas and general industries.
- Kirloskar Brothers Thailand Limited (KBTL), Bangkok is the Thailand Board of Investment (BOI) promoted headquarters and assembly plant of the KBL Group companies for the ASEAN and East Asia regions.
- Braybar Pumps (Pty) Limited, Republic of South Africa is engaged in the manufacturing and sales of high-head multi-stage pumps, rubber-lined slurry pumps and metal-lined bearings.



Global Headquarter:
"Yamuna", Baner, Pune.

Kirloskar Brothers Limited (KBL) is a trusted global leader in fluid management solutions, with a legacy of engineering excellence and innovation. Our contributions to the power sector span across nuclear, hydro and thermal power plants, where we deliver high-performance, reliable and efficient pumping systems and turnkey solutions. With decades of experience and a commitment to quality, safety and sustainability, KBL continues to play a pivotal role in powering progress across the globe.



NUCLEAR POWER

KBL has been a key contributor to nuclear power projects since 1990, supporting the development of advanced fluid handling systems. We supply a wide range of pumps for critical applications such as cooling water, canned motor, firefighting and specialised reactor building operations. Our state-of-the-art infrastructure and technical expertise enable us to meet the stringent quality and safety standards required in nuclear environments.



THERMAL POWER

KBL has a long-standing association with thermal power plants, providing complete pumping systems and solutions from generation to distribution. Our turnkey offerings encompass design, manufacturing, supply, erection, testing and commissioning of various fluid handling systems. We deliver robust and efficient solutions that support the operational reliability and energy efficiency of thermal power facilities.



HYDRO POWER

KBL offers comprehensive turnkey solutions for hydroelectric projects, covering every stage from concept to commissioning. Our “Water to Wire” approach includes planning, engineering, design, manufacturing, supply, transportation, insurance, erection, testing and commissioning of electro-mechanical equipment. We ensure seamless integration and optimal performance of hydro turbine systems tailored to project-specific needs.



AFRICA

SUDAN

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Sudanese Sugar Corporation	Sudan	Sudan Sugar Factory, Sudan	Circulating Water	Horizontal Split Case (UPH 1200/60C-V)	2	14,400	63,389	22.20	72.82	2004

EGYPT

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
EL-SEWEDY Power System Projects	Egypt	1*650 MW Assiut Supercritical Power Station	General Service	Pumps GK(P) 50/20	2	52	228.8	40	131.2	2018
EL-SEWEDY Power System Projects	Egypt	1x650 MW Assiut Supercritical Power Station	General Service	Pumps GK(P) 80/32	2	65	286.0	20	65.6	2018
EL-SEWEDY Power System Projects	Egypt	1x650 MW Assiut Supercritical Power Station	General Service	GK(P) 65/26 NHS	2	89	391.6	60	196.9	2018
EL-SEWEDY Power System Projects	Egypt	1x650 MW Assiut Supercritical Power Station	General Service	GK(P) 40/32	2	22.18	97.6	88	288.7	2018
EL-SEWEDY Power System Projects	Egypt	1x650 MW Assiut Supercritical Power Station	General Service	GK(P) 80/26HS	2	119.3	524.9	55.0	180.4	2018

TUNISIA

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
CALIK Enerji	Turkey	450 MW GAMA RADES C CCPP, Tunisia	ACW Pumps	BHR 45B	2	1910.5	8406.2	23	75.5	2018

AMERICAS



NORTH AMERICA

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Bechtel Power Corporation	USA	Prairie State Energy Campus Project, Illinois, USA	Circulating Water	Vertical Turbine (BHM 130)	6	31,074	136,788	26.83	88.00	2009
Bechtel Power Corporation	USA	568 MW Sandow Electric Power Station, Unit 5, Texas, USA	Circulating Water	Vertical Turbine (BHM 130)	2	34,635	110,050	23.93	78.49	2008

CHILE

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Maire Engineering	Italy	350 MW Puerto Coronel Coal Fired Power Plant, Chile	Circulating Water	Vertical Turbine (BHQ 95D)	2	25,000	110,050	26.00	85.28	2009

VENEZUELA

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
EIS	Venezuela	477.55 MW, Termozulia Power Plant-III, Venezuela	ACWP	Vertical Turbine (BHR 50)	2	1,150	5,062	31.70	103.98	2013
EIS	Venezuela	450 MW, Termozulia Power Plant-III, Venezuela	Circulating Water	Vertical Turbine (BHQ 95D)	3	24,860	109,434	21.90	71.83	2013
DSD Industrieanlagen, GmbH	Germany	450 MW, Termozulia Power Plant, Venezuela	Circulating Water	Vertical Turbine (BHM _a 120)	2	27,750	122,156	14.00	45.92	2007

ASIA PACIFIC



Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

AUSTRALIA

United Group Limited	Australia	Kwinana HEGT Power Project, Australia	Circulating Water	Vertical Turbine (BHM 50M)	2	4,527	19,928	17.43	57.17	2010
Burrup Fertilizer PTY Limited	Australia	2200 MTPD Ammonia Plant, Australia	Circulating Water	Horizontal Split Case (UP 1050/110)	3	14,620	64,357	52.40	171.87	2005
Burrup Fertilizer PTY Limited	Australia	2200 MTPD Ammonia Plant, Australia	Circulating Water	Horizontal Split Case (24UPH3)	1	5,535	24,365	52.40	171.87	2005
Burrup Fertilizer PTY Limited	Australia	2200 MTPD Ammonia Plant, Australia	Circulating Water	Vertical Sump Pump (KPDS 125/45)	2	200	880	62.10	203.69	2005

BANGLADESH

Larsen & Toubro Limited	India	360 MW, Bheramara Combined Cycle Power Project, Bangladesh	Condensate Extraction	Cannister [BHRC 35 (5 Stages)]	2	500	2,201	240.00	787.20	2015
Larsen & Toubro Limited	India	225 MW Sikalaha Power Plant Project, Bangladesh	Condensate Extraction	Cannister [BHRC 28M (6 Stages)]	3	195	858	130.00	426.40	2015
ISGEC John Thompson	India	Unique Power Plant, Bangladesh	Boiler Feed Water	(100 x 80 MSSH 9M)	2	82.3	362	515.00	1689.20	2005

CHINA

Ebara Corp./ Lanzhou, China	Japan	Petrochina Lanzhou Refinery, China	Boiler Feed Water	(150 x 100 DCS 12M)	2	150	660	1392.90	4568.71	2015
-----------------------------	-------	------------------------------------	-------------------	---------------------	---	-----	-----	---------	---------	------

INDIA

Adani Power Limited, Mahan	India	2x800 MW Mahan III, India	Circulating Water Pumps	CVP 2100	5	43,650	192,060	27.00	88.60	Under Exec.
Adani Power Limited, Mahan	India	2x800 MW Mahan III, India	ACW Pumps	BHQ 42.5M (1-stage)	3	4,400	19,360	42.00	137.76	Under Exec.
Adani Power Limited, Mahan	India	2x800 MW Mahan III, India	Raw Water Pumps	BHQ 42.5M (1-stage)	2	4,220	18,568	40.00	131.20	Under Exec.
Adani Power Limited, Mirzapur	India	2x800 MW Mirzapur USCTPP, India	Circulating Water Pumps	CVP 2100	5	43,650	192,060	27.00	88.60	Under Exec.
Adani Power Limited, Mirzapur	India	2x800 MW Mirzapur USCTPP, India	ACW Pumps	BHQ 42.5M (1-stage)	3	4,400	19,360	42.00	137.76	Under Exec.
Adani Power Limited, Raipur	India	2x800 MW Raipur Thermal Power Plant, Raipur, India	Circulating Water Pumps	CVP 2100	5	43,650	192,060	29.00	95.10	Under Exec.
Adani Power Limited, Raipur	India	2x800 MW Raipur Thermal Power Plant, Raipur, India	ACW Pumps	BHQ 42.5M (2-stage)	3	4,400	19,360	42.00	137.80	Under Exec.
Adani Power Limited, Raigarh	India	2x800 MW Raigarh Thermal Power Plant, Raigarh, India	CW Pumps	CVP 2100	5	43,650	192,060	29.00	95.10	Under Exec.
Adani Power Limited, Raigarh	India	2x800 MW Raigarh Thermal Power Plant, Raigarh, India	ACW Pumps	BHQ 42.5M (2-stage)	3	4,400	19,360	42.00	137.80	Under Exec.

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Adani Power Limited, Singrauli	India	2x800 MW MAHAN II Thermal Power Plant, Singrauli, India	Circulating Water Pumps	CVP 2100	5	43,650	192,060	27.00	88.60	Under Exec.
Adani Power Limited, Singrauli	India	2x800 MW MAHAN II Thermal Power Plant, Singrauli, India	ACW Pumps	BHQ 42.5M (1-stage)	3	4,400	19,360	42.00	137.76	Under Exec.
Adani Power Limited, Singrauli	India	2x800 MW MAHAN II Thermal Power Plant, Singrauli, India	Raw Water Pumps	BHQ 42.5M (1-stage)	2	4,220	18,568	40.00	131.20	Under Exec.
Adani Power Limited, Singrauli	India	2x800 MW MAHAN II Thermal Power Plant, Singrauli, India	River Water Intake	BHR 60 (3-stage)	2	2,225	9,790	130.00	426.40	Under Exec.
Larsen & Toubro Limited (Gammon India Limited)	India	2 x 700 MW Rawatbhata Atomic Power Project, Rawatbhata, Rajasthan	Circulating Water	Metallic Volute (MVP 2000/180)	8	34,500	151,869	28.00	91.84	2024
Larsen & Toubro Limited / Nuclear Power Corporation Limited	India	2 x 700 MW Rawatbhata Atomic Power Project, Rawatbhata, Rajasthan	Auxiliary Cooling Water	Metallic Volute (MVP 600/100)	8	2,700	11,885	29.50	96.76	2024
National Thermal Power Corporation Limited	India	2 x 800 MW Gadawara Thermal Power Project, Gadawara, Madhya Pradesh	Circulating Water	Concrete Volute (CVP 2100)	5	43,000	189,286	25.50	83.64	2024
National Thermal Power Corporation Limited	India	2 x 800 MW Gadawara Thermal Power Project, Gadawara, Madhya Pradesh	Circulating Water	Concrete Volute (CVP 2100)	5	43,000	189,286	25.50	83.64	2024
NLC India Limited (NLC) (formerly Neyveli Lignite Corporation India Limited)	India	2 x 500 MW New Neyvli Thermal Power Project, Neyveli, Tamil Nadu	Circulating Water	Concrete Volute (CVP 2000N)	4	32,000	140,864	26.00	85.28	2023
Nuclear Power Corporation Limited	India	Kakrapar Atomic Power Station, Kakrapar, Gujarat	General Service	KPD80/16, Miscellaneous	4	72	317	25.00	82.00	2023
Nuclear Power Corporation Limited	India	Tarapur Atomic Power Station, Tarapur, Maharashtra	Development Order	GR10 (Engine Driven), Emergency Pumps	1	108	475	119.00	390.32	2023
Doosan Power System Systems India Pvt. Ltd.	India	2x660 MW Obra Thermal Power Station, Uttar Pradesh, India.	Circulating Water Pumps	Concrete Volute Pumps	5	37,750	1,66,100	23.70	77.80	2023
Doosan Power System Systems India Pvt. Ltd.	India	2x660 MW Jawaharpur Thermal Power Station, Uttar Pradesh, India.	Circulating Water Pumps	Concrete Volute Pumps	5	40,000	1,76,000	24.30	79.70	2023
National Thermal Power Corporation Limited	India	2 x 800 MW Darlipalli Thermal Power Project, Darlipalli, Orissa	Circulating Water	Concrete Volute (CVP 2100)	5	42,000	184,884	26.00	85.28	2023
Directorate of Purchase & Stores	India	BARC Project, BARC, Vizag	Main Coolant Pump	MCP 250/50, Vertical Pump	1	840	3,698	70.00	229.60	2023
Nuclear Power Corporation Limited	India	Kakrapar Atomic Power Station, Kakrapar, Gujarat	General Service	KPD200/38, Miscellaneous	2	415	1,827	30.00	98.40	2022
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station Kaiga Atomic Power Station, Kota, Rajasthan Kaiga, Karnataka"	Primary Piping Package	End Suction Pump, Sump Pump, VT Pump, Fire Fighting Pump, Multiple Pump Models	124	Multiple Pump Models				2022
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Kota, Rajasthan	Development Order	300x250 KS45, Boiler Feed Pump	1	2,135	9,398	515.00	1689.20	2022

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station Kaiga Atomic Power Station, Kota, Rajasthan Kaiga, Karnataka"	Common Service Package	End Suction Pump, Sump Pump, VT Pump, Fire Fighting Pump, Multiple Pump Models	96	Multiple Pump Models				2021
Essar Projects India Limited	India	2 x 500 MW New Neyveli TPP, Tamil Nadu	Circulating Water	Concrete Volute (CVP)	4	32,000	140,864	25.50	83.64	2019
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	UPH500/60-M, End Suction	6	4,507	19,840	81.00	265.68	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	SCT 350/50, End Suction	3	1,984	8,734	70.00	229.60	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	14UPH4, End Suction	4	2,582	11,366	96.00	314.88	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	UP 150/53F, End Suction	8	564	2,483	89.00	291.92	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	UP 300/57, End Suction	3	1,664	7,325	98.00	321.44	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	UP 150/53F, End Suction	2	572	2,518	82.00	268.96	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	BHR 90-1 stage, VT Pump	6	4,823	21,231	51.50	168.92	2018
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	BHR 90-1 stage, VT Pump	4	4,968	21,869	48.50	159.08	2018

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Larsen & Toubro Limited/ International Thermonuclear Experimental Reactor	France	International Thermonuclear Experimental Reactor, Saint-Paul-lès-Durance, France	Component Cooling Water System (CCWS), Chilled Water System (CHWS), Heat Rejection System (HRS)	BHQ 62, VT Pump	3	6,804	29,951	29.80	97.74	2018
North Eastern Electric Power Corporation Ltd	India	KAHNDONG HYDRO ELECTRIC Power Plant & Umrangso, Assam, India.	General Service	Auto Priming Pumpsets (End suction pump, CPHM 150/40)	2	300	1,320	35.00	114.80	2018
Larsen & Toubro Limited	India	2 x 660 MW Malwa Phase II Thermal Power Project, Malwa, Madhya Pradesh	Circulating Water	Vertical Turbine (BHQ 95D)	7	25,500	112,251	29.00	95.12	2018
L & T Baroda	India	2 x 660 MW Shree Singaji Thermal Power Project, Madhya Pradesh	Circulating Water	Vertical Turbine (VT)	7	25,250	111,151	26.00	85.28	2018
Bhartya Rail Bijlee Co Ltd. (subsidiary of NTPC Ltd.)	India	Nabinagar Thermal Power Project, Nabinagar, Bihar, India.	General Service	Auto Priming Pumpsets (Horizontal Split Case Pump, SCT 200/48)	4	600	2,640	65.00	213.30	2018
North Eastern Electric Power Corporation Ltd.	India	RANGANADI HYDRO ELECTRIC POWER PLANT, Arunachal Pradesh, India.	General Service	LLC pump sets SCT250/51L	4	936	4,118	60.00	196.90	2018
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Kota, Rajasthan	Development Order	SD200/50, Shut Down Cooling Pump	1	700	3,081	30.00	98.40	2018
CESC Ltd.	India	Budge Budge Thermal Power Station, Kolkata, India.	General Service	LLC pump sets SCT250/38L	3	900	3,960	30.00	98.40	2016
National Thermal Power Corporation Limited	India	2 x 660 MW Solapur Thermal Power Project, Solapur, Maharashtra	Circulating Water	Concrete Volute (CVP 2100)	5	36,000	158,472	25.00	82.00	2015
National Thermal Power Corporation Limited	India	2 x 660 MW Mauda Thermal Power Project, Mauda, Maharashtra	Circulating Water	Concrete Volute (CVP 2100)	5	36,000	158,472	25.00	82.00	2015
Ion Exchange India Limited	India	2 x 660 MW Singareni Thermal Power Project, Singareni, Andhra Pradesh	Circulating Water	Concrete Volute (CVP 2200E)	5	36,000	158,742	29.00	95.12	2015
Larsen & Toubro Limited	India	2 x 700 MW Rajasthan Atomic Power Plant, Rawatbhata, Rajasthan	Condensate Extraction	Cannister [BHRC 35S (5 Stages)]	6	1,480	6,515	200.00	656.00	2015
Larsen & Toubro Limited / Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Rawatbhata, Rajasthan	Condensate Extraction	BHRC 7M (4stages), Cannister	6	1,480	6,515	200.00	656.00	2015
Hinduja National Power Corporation Limited	India	2 x 520 MW Vizag Thermal Power Plant, Visakhapatnam, Andhra Pradesh	Circulating Water	Vertical Turbine (BHM 150)	4	45,500	200,291	27.00	88.56	2014
Lanco InfraTech Limited	India	2 x 660 MW Annapur Thermal Power Project Phase I, Annapur, Madhya Pradesh	Circulating Water	Vertical Turbine (BHQ 95D)	6	23,900	105,208	32.00	104.96	2014
BGR Energy System Limited	India	2 x 660 MW Krishnapatnam Thermal Power Project, Krishnapatnam, Andhra Pradesh	Circulating Water	Concrete Volute (CVP 1650)	4	42,000	184,884	29.00	95.12	2014

INDIA

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Jhabua Power Limited	India	2 x 660 MW Thermal Power Project, Barela, Madhya Pradesh	Circulating Water	Vertical Turbine (BHM 135)	2	37,500	165,075	24.49	80.33	2014
Abir Infrastructure Private Limited	India	2 x 600 MW Singhitara Thermal Power Project, Chhattisgarh	Circulating Water	Concrete Volute (CVP 2100)	5	38,550	169,697	27.00	88.56	2014
Power Engineering Pvt. Ltd.	India	NPCIL, India	Water	100 x 80 UCW 32M	1	83	365	100.00	328.00	2014
Tarapur Atomic Power Station	India	Tarapur Atomic Power Station Unit 3 & 4, Tarapur, Maharashtra	Moderator Circulating Pump	Moderator Pump (CAN 220)	2	850	3,742	55.00	180.40	2013
Nuclear Power Corporation of India Limited	India	Kakrapar Atomic Power Station Unit 3 & 4, Kakrapar, Gujarat	Moderator Circulating Pump	Moderator Pump (CAN 220)	13	850	3,742	55.00	180.40	2013
Nuclear Power Corporation Limited	India	Tarapur Atomic Power Station, Tarapur, Maharashtra	Moderator Circulating Pump	CAN 220, Moderator Pump	2	850	3,742	55.00	180.40	2013
Nuclear Power Corporation Limited	India	Kakrapar Atomic Power Station, Kakrapar, Gujarat	Moderator Circulating Pump	CAN 220, Moderator Pump	13	850	3,742	55.00	180.40	2013
Reliance Energy Limited	India	2 x 300 MW Rosa Power Project Phase 2, Shahjahanpur, Uttar Pradesh	Circulating Water	Vertical Turbine (BHQ 92)	5	17,870	78,664	25.00	82.00	2013
Reliance Energy Limited	India	2 x 300 MW Butibori Thermal Power Project, Butibori, Maharashtra	Circulating Water	Vertical Turbine (BHQ 95M)	4	18,940	83,374	22.00	72.16	2013
BGR Energy System Limited	India	2 x 500 MW Marwa Thermal Power Project, Marwa, Haryana	Circulating Water	Vertical Turbine (BHQ 125)	5	33,000	145,266	26.00	85.28	2013
Lanco InfraTech Limited	India	2 x 660 MW Amarkantak Thermal Power Project, Amarkantak, Madhya Pradesh	Circulating Water	Vertical Turbine (BHQ 125)	5	37,000	162,874	29.00	95.12	2013
Jindal Power Limited	India	4 x 600 MW OP JindalSuper Thermal Power Project, Tamnar, Chhattisgarh	Circulating Water	Vertical Turbine (BHQ 95D)	14	25,750	113,352	25.00	82.00	2013
GMR Energy Limited	India	2 x 300 MW EMCO Warora Thermal Power Project, Warora, Maharashtra	Circulating Water	Vertical Turbine (BHQ 95D)	4	20,000	88,040	21.00	68.88	2013
Bina Power Limited	India	2 x 250 MW BINA Thermal Power Project, Bina, Madhya Pradesh	Circulating Water	Vertical Turbine (BHQ 92)	5	17,600	77,035	23.00	75.44	2013
Punj Lloyd Limited	India	2 x 270 MW Goindwala Sahib Thermal Power Project, Punjab	Circulating Water	Vertical Turbine (BHQ 75)	6	12,950	57,008	22.00	72.16	2013
Lanco InfraTech Limited	India	Kondapalli Phase II, Kondapalli, Andhra Pradesh	Circulating Water	Vertical Turbine (BHQ 85)	3	12,000	52,824	22.60	74.13	2013
Lanco InfraTech Limited	India	Kondapalli Phase III, Kondapalli, Andhra Pradesh	Circulating Water	Vertical Turbine (BHQ 85)	3	12,900	56,786	26.00	85.28	2013
Jindal India Thermal Power Limited	India	2 x 600 MW Derang Thermal Power Project, Derang, Orissa	Circulating Water	Vertical Turbine (BHM 125)	6	27,800	122,376	23.00	75.44	2013

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Reliance Energy Limited	India	1 x 300 MW Butibori Captive Power plant Phase II, Butibori, Maharashtra	Circulating Water	Vertical Turbine (BHQ 95M)	3	18,940	83,374	22.70	74.46	2013
Indiabulls Infrastructure Company Limited	India	5 x 270 MW Amravati Thermal Power Plant, Amravati, Maharashtra	Circulating Water	Vertical Turbine (BHQ 95)	11	11,800	51,944	22.70	74.46	2013
Indiabulls Infrastructure Company Limited	India	5 x 270 MW Nasik Thermal Power Plant, Nasik, Maharashtra	Circulating Water	Vertical Turbine (BHQ 95)	11	11,800	51,944	22.70	74.46	2013
Larsen & Toubro Limited	India	2 x 600 MW DB Super Thermal Power Plant, Chhattisgarh	Circulating Water	Vertical Turbine (BHQ 105D)	7	27,000	118,854	27.00	88.56	2013
Larsen & Toubro Limited	India	3 x 660 MW Koradi Thermal Power Project, Koradi, Maharashtra	Condensate Extraction	Cannister [BHRC7 (6 Stages)]	9	905	3,984	287.00	941.36	2013
RKM Powergen Private Limited	India	4 x 360 MW Uchchipinda Thermal Power Project, Uchchipinda, Chhattisgarh	Condensate Extraction	Cannister [BHRC7 (5 Stages)]	8	1,023	4,503	269.00	882.32	2013
Doosan Projects India Private Limited	India	2 x 685 MW GMR Raipur Thermal Power project, Raipur, Chhattisgarh	Circulating Water	Concrete Volute Pump	4	42,450	186,865	27.20	89.22	2013
Siemens Power Generation Limited	India	3 x 400 MW Dgen Combined Cycle Power Project, Dahej, Gujarat	Circulating Water	Concrete Volute Pump	4	22,392	98,570	23.20	76.10	2013
Jayprakash Power Ventures Limited	India	2 x 660 MW JP Nigrie Super Thermal Power Project, Nigrie, Madhya Pradesh	Circulating Water	Concrete Volute Pump	5	40,000	176,080	32.00	104.96	2013
Nuclear Power Corporation of India Limited	India	1 x 500 MW Bhavini Atomic Power Project, Kalpakkam, Tamil Nadu	Reactor Coolant Pump	Vertical Pump (Primary Sodium Pump)	3	14,868	65,449	75.00	246.00	2013
Nuclear Power Corporation of India Limited	India	1 x 500 MW Bhavini Atomic Power Project, Kalpakkam, Tamil Nadu	Reactor Coolant Pump	Vertical Pump (Secondary Sodium Pump)	3	12,024	52,930	65.00	213.20	2013
North Eastern Electric Power Corporation Ltd. India	India	KOPILI HYDRO ELECTRIC POWER PLANT & Umrangso, Assam, India.	General Service	LLC pump sets SCT250/51L	3	828	3,643	50.00	164.00	2013
Nuclear Power Corporation Limited	India	BHAVINI Prototype Fast Breeder Reactor - Atomic Power Station, Kalpakkam, Tamil Nadu	Reactor Coolant Pump	Primary Sodium Pump, Vertical Pump	3	14,868	65,449	75.00	246.00	2013
Nuclear Power Corporation Limited	India	BHAVINI Prototype Fast Breeder Reactor - Atomic Power Station, Kalpakkam, Tamil Nadu	Reactor Coolant Pump	Secondary Sodium Pump, Vertical Pump	3	12,024	52,930	65.00	213.20	2013
Powergen Infrastructure (LLC) Phase III	India	3 x 660 MW Tiroda Thermal Power Project, Tiroda, Maharashtra	Circulating Water	Vertical Turbine (BHM 135)	5	39,825	175,310	26.00	85.28	2012
National Thermal Power Corporation Limited	India	2 x 500 MW Rihand Super Thermal Power Project Stage III, Rihand, Uttar Pradesh	Circulating Water	Vertical Turbine (BHM a 125)	5	30,000	132,060	23.50	77.08	2012
National Thermal Power Corporation Limited	India	2 x 500 MW Vindychal Super Thermal Power Project Stage IV, Vindhychal, Uttar Pradesh	Circulating Water	Vertical Turbine (BHM a 125)	5	30,000	132,060	23.50	77.08	2012
Larsen & Toubro Limited	India	2 x 384 MW Combined Cycle Power Project, Vemagiri, Andhra Pradesh	Circulating Water	Vertical Turbine (BHQ 85)	4	14	62,773	22.00	72.16	2012

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Indure Limited	India	2 x 250 MW Chhabra Thermal Power Project Phase II, Chhabra, Rajasthan	Circulating Water	Vertical Turbine (BHQ 92)	5	17,500	77,035	23.00	75.44	2012
Bhushan Power & Steel Limited	India	1 x 130 MW Captive Power Plant, Rengali, Orissa	Circulating Water	Vertical Turbine (BHQ 75)	3	10,750	47,322	30.00	98.40	2012
Bhushan Power & Steel Limited	India	165 MW, Meramandli Thermal Power Project, Meramandali, Orissa	Circulating Water	Vertical Turbine (BHQ 75)	3	11,500	50,623	26.00	85.28	2012
Bharat Heavy Electricals Limited	India	2 x 350 MW Pipavav Combined Cycle Power Project, Pipavav, Gujarat	Circulating Water	Horizontal Split Case (UPH 1200/160)	3	25,000	110,050	27.50	90.20	2012
Reliance Energy Limited	India	2 x 300 MW Rosa Thermal Power Project, Shahjahanpur, Uttar Pradesh	Circulating Water	Vertical Turbine (BHQ 92)	1	17,870	78,664	23.50	77.08	2012
Larsen & Toubro Limited	India	375 MW Dhuvaran III Combined Cycle Power Project, Dhuvaran, Gujarat	Condensate Extraction	Cannister [BHRC 7M (4 Stages)]	2	485	2,135	250.00	820.00	2012
Adani Power Rajasthan Limited	India	2 x 660 MW Kawai Thermal Power Project, Kawai, Rajasthan	Circulating Water	Concrete Volute Pump	5	39,700	174,759	29.00	95.12	2012
Transparent Energy Pvt. Ltd.	India	GAIL Vaghodia Compressor station / Heat Recovery Steam generator, India	Boiler Feed Water	80 x 50 DCS 10M	4	35	154	470.00	1541.60	2012
BPCL, Mahul	India	BPCL, Mahul, India	Boiler Feed Water	100 x 80 DCS 4M	2	77	339	250.00	820.00	2012
ISGEC	India	Adani Power Rajasthan Limited, India	Boiler Feed Water	(100 x 80 MSS 6M)	2	76	335	329.00	1079.12	2012
Nuclear Power Corporation Limited	India	Tarapur Atomic Power Station, Tarapur, Maharashtra	Testing facility	KPDV100/30, Nuclear-Thermal Testing Facility	2	112	493	225.00	738.00	2011
Powergen Infrastructure (LLC) Phase I and II	India	3 x 660 MW Tiroda Thermal Power Project Tiroda, Maharashtra	Circulating Water	Vertical Turbine (BHM 135)	7	39,825	175,310	26.00	85.28	2011
Larsen & Toubro Limited	India	2 x 800 MW Krishnapatnam Thermal Power Project, Krishnapatnam, Andhra Pradesh	Condensate Extraction	Cannister [BHRC7 (5 Stages)]	6	1,085	4,776	258.00	846.24	2011
Larsen & Toubro Limited	India	380 MW Vemagiri Combined Cycle Power Project, Vemagiri, Andhra Pradesh	Condensate Extraction	Cannister [BHRC 35S (4 Stages)]	4	570	2,509	175.00	574.00	2011
NLC-Tamilnadu Power Limited	India	2 x 500 MW Tuticorin Thermal Power Project	Circulating Water	Concrete Volute Pump	5	31,000	136,462	27.00	88.56	2011
BHEL, CPCL - Chennai	India	Chennai Petroleum Corporation Limited / 1 x FR 5 GTG CO-GEN Plant Phase 3, India	Boiler Feed Water	125 x 100 MSS 5M	2	95	418	279.00	915.12	2011
Lanco InfraTech Limited	India	2 x 600 MW Nagarjuna Power Project, Mangalore, Karnataka	Circulating Water	Vertical Turbine (BHQ 125)	5	35,300	155,391	30.00	98.40	2010
Gujarat Electricity Board	India	1 x 75 MW Kutch Lignite Thermal Power Project, Kutch, Gujarat	Circulating Water	Concrete Volute Pump	2	15,000	66,030	25.00	82.00	2010

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

National Thermal Power Corporation Limited	India	3 x 660 MW Barh Super Thermal Power Project, Barh, Bihar	Circulating Water	Concrete Volute Pump	6	40,000	176,080	27.00	88.56	2010
Rajwest Power Limited	India	8 x 135 MW Lignite Based Barmer Project, Barmer, Rajasthan	Circulating Water	Vertical Turbine (BHQ 95D)	10	24,000	1,5,648	27.00	88.56	2010
BGR Energy System Limited	India	2 x 600 MW Mettur Thermal Power Project, Mettur, Tamil Nadu	Circulating Water	Concrete Volute (CVP 2100)	3	37,620	165,603	27.00	88.56	2010
Coastal Gujarat Power Limited	India	5 x 800 MW Ultra Mega Power Project, Mundhra, Gujarat	Circulating Water	Concrete Volute Pump	10	63,000	277,326	23.00	75.44	2010
Nuclear Power Corporation of India Limited	India	1 x 500 MW Bhavini Atomic Power Project, Kalpakkam, Tamil Nadu	Circulating Water	Concrete Volute Pump	2	49,000	215,698	20.00	65.60	2010
Tata Projects Limited	India	2 x 800 MW Krishnapatnam Thermal Power Station, Krishnapatnam, Andhra Pradesh	Circulating Water	Concrete Volute Pump	8	33,333	146,732	27.00	88.56	2010
Nuclear Power Corporation Limited	India	BHAVINI Prototype Fast Breeder Reactor - Atomic Power Station, Kalpakkam, Tamil Nadu	Circulating Water	Concrete Volute Pump, Concrete Volute	2	49,000	215,698	20.00	65.60	2010
National Thermal Power Corporation Limited	India	3 x 500 MW Kahelgaon Super Thermal Power Project, Kahalgaon, Bihar	Circulating Water	Vertical Turbine (BHM 130)	6	30,000	132,060	20.00	65.60	2009
Nevyeli Lignite Corporation Limited	India	2 x 125 MW Barsingsar Thermal Power Plant, Barsingsar, Rajasthan	Circulating Water	Vertical Turbine (BHQ 85)	5	10	45,121	20.00	65.60	2009
Nuclear Power Corporation of India Limited	India	Narora Atomic Power Station Unit 2, Narora, Gujarat	Moderator Circulating Pump	Moderator Pump (CAN 130)	6	440	1,937	62.00	203.36	2009
Nuclear Power Corporation Limited	India	Narora Atomic Power Station, Narora, Uttar Pradesh	Moderator Circulating Pump	CAN 130, Moderator Pump	6	440	1,937	62.00	203.36	2009
Adani Power Private Limited	India	4 x 330 MW Thermal Power Plant, Mundhra, Gujarat	Circulating Water	Vertical Turbine (BHQ 92D)	14	18,000	79	25.35	83.15	2009
Punj Lloyd Limited	India	2 x 250 MW Chhabra Phase I Thermal Power Project, Chhabra, Rajasthan	Circulating Water	Vertical Turbine (BHQ 92)	5	17,500	77,035	24.00	78.72	2009
Reliance Energy Limited	India	2 x 600 MW Hissar Power Project, Hissar, Haryana	Circulating Water	Vertical Turbine (BHQ 95D)	8	24,700	108,729	24.70	81.02	2009
Industrial Energy Limited (Tata Power & Tata Steel)	India	1 x 120 MW Jojobera TPT Unit 5, Jojobera, Jharkhand	Circulating Water	Vertical Turbine (BHQ 70)	2	9,500	41,819	19.00	62.32	2009
Bhushan Power & Steel Limited	India	2 x 150 MW Meramandali Combined Cycle Power Project, Meramandali, Orissa	Circulating Water	Vertical Turbine (BHQ 92A)	5	13,500	59,427	32.00	104.96	2009
Bhushan Power & Steel Limited	India	2 x 130 MW Rengali Combined Cycle Power Project, Rengali, Orissa	Circulating Water	Vertical Turbine (BHQ 75)	6	10,765	47,388	30.00	98.40	2009
Reliance Energy Limited	India	2 x 300 MW Rosa Power Project, Uttar Pradesh India Phase 1, Shahjahanpur, Uttar Pradesh	Circulating Water	Vertical Turbine (BHQ 92)	4	17,870	78,664	23.50	77.08	2009

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
National Thermal Power Corporation Limited	India	3 x 660 MW Sipat Super Thermal Power Project, Sipat, Chhattisgarh	Circulating Water	Concrete Volute Pump	6	40,000	176,080	23.00	75.44	2009
Tamilnadu Electricity Board	India	Ennor Thermal Power Station, India	Boiler Feed Water	(200 x 150 DCD 12M)	4	338	1,488	1905.00	6248.00	2009
Essar Projects Limited	India	2 x 600 MW Salaya Thermal Power Project, Salaya, Gujarat	Circulating Water	Concrete Volute Pump	4	40,000	176,080	25.00	82.00	2008
Essar Projects Limited	India	2 x 600 MW Mahan Thermal Power Project, Mahan, Maharashtra	Circulating Water	Concrete Volute Pump	4	40,000	175,080	24.50	80.36	2008
Alstom Power India Limited	India	370 MW Utran Combined Cycle Power Project, Utran, Gujarat	Circulating Water	Vertical Turbine, (BHQ 85)	3	12,300	54,145	24.00	78.72	2008
Tata Power Company Limited	India	1 x 120 MW Jojobera TPT Unit 4, Jojobera, Jharkhand	Circulating Water	Vertical Turbine (BHQ 70)	1	9,500	41,819	23.50	77.08	2008
Lanco InfraTech Limited	India	2 x 300 MW Amarkantak Power Plant, Amarkantak, Madhya Pradesh	Circulating Water	Vertical Turbine (BHQ 95D)	5	19,850	87,380	17.70	58.06	2008
Alstom Projects India Limited	India	370 MW Utran Combined Cycle Power Project, Utran, Gujarat	Condensate Extraction	Cannister [BHRC 28D (3 Stages)]	2	321	1,413	112.00	367.36	2008
Siemens Ltd., GmbH	Germany	1100 MW Sugem Power Project, Surat, India	Circulating Water	Concrete Volute (Concrete volute)	4	21,852	96,193	24.50	80.36	2008
Bharat Heavy Electricals Ltd. - Hyd	India	Bharat Oman Refinery, India	Boiler Feed Water	150 x 150 DCD 3M	2	197	867	383.00	1256.24	2008
Tata Power Company Limited	India	Trombay Thermal Generating Station, Trombay, Maharashtra	Circulating Water	Vertical Turbine (BHQ 70)	4	9,250	40,719	23.00	75.44	2007
Jindal Power Limited	India	4 x 250 MW OP Jindal Thermal Power Project, Tamnar, Chhattisgarh	Circulating Water	Vertical Turbine (BHQ 95M)	10	18,000	79,236	28.00	91.84	2007
Nuclear Power Corporation of India Limited	India	Narora Atomic Power Station Unit 1, Narora, Gujarat	Moderator Circulating Pump	Moderator Pump (CAN 130)	6	440	1,937	62.00	203.36	2007
Nuclear Power Corporation Limited	India	Narora Atomic Power Station, Narora, Uttar Pradesh	Moderator Circulating Pump	CAN 130, Moderator Pump	6	440	1,937	62.00	203.36	2007
National Thermal Power Corporation Limited	India	2 x 500 MW Sipat Stage II Super Thermal Power Project, Sipat, Chhattisgarh	Circulating Water	Vertical Turbine (BHM 130)	5	30,000	132,060	20.00	60.65	2007
Larsen & Toubro Limited	India	Konaseema Thermal Power Station, Konaseema, Andhra Pradesh	Circulating Water	Vertical Turbine (BHQ 95D)	3	24,360	107,233	18.00	59.04	2006
Nuclear Power Corporation of India Limited	India	2 x 500 MW Kaiga Atomic Power Plant, Kaiga, Karnataka	Condensate Extraction	Cannister [BHRC 7 (4 Stages)]	4	1,175	5,172	205.00	672.40	2006
Siemens Limited	India	1100 MW SUGEN Combined Cycle Power Project, Surat, Gujarat	Condensate Extraction	Cannister [BHRC 35 (5 Stages)]	6	554	2,437	271.80	891.50	2006
Regency Power Corporation Ltd.	India	Regency Power Corporation Ltd., India	Boiler Feed Water	100 x 80 SS 14M	2	83	367	951.00	3119.28	2006

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Regency Power Corporation Ltd.	India	Regency Power Corporation Ltd., India	Boiler Feed Water	50 x 40 MSS 8M	2	18	78	200.00	656.00	2006
Nuclear Power Corporation Limited	India	Kaiga Atomic Power Station, Kaiga, Karnataka	Condensate Extraction	BHRc 7 (4-stage), Cannister	4	1,175	5,172	205.00	672.40	2006
Nuclear Power Corporation of India Limited	India	Rajasthan Atomic Power Project, Kota, Rajasthan	Moderator Circulating Pump	Moderator Pump (CAN 220)	8	850	3,742	55.00	180.40	2005
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Kota, Rajasthan	Moderator Circulating Pump	CAN 220, Moderator Pump	8	850	3,742	55.00	180.40	2005
National Thermal Power Corporation Limited	India	4 x 500 MW Talcher Stage II	Circulating Water	Vertical Turbine (BHM 130)	10	30,000	132,060	19.50	63.96	2005
Nuclear Power Corporation of India Limited	India	2 x 500 MW Tarapur Atomic Power Plant, Unit III & IV, Tarapur, Maharashtra	Circulating Water	Concrete Volute Pump	6	40,000	176,080	18.00	59.04	2005
Gujarat Mineral Development Corporation	India	2 x 125 MW Akrimota Thermal Power Project, Akrimota, Gujarat	Circulating Water	Concrete Volute Pump	5	14,000	61,628	24.00	78.72	2005
Nava Bharat Ferro Alloys Limited	India	Nava Bharat Ferro Alloys Limited / CCP PALONCHA, India	Boiler Feed Water	125 x 100 SS 11M	1	150	660	1275.00	4182.00	2005
Bharat Heavy Electricals Ltd. - Hyd	India	ICCL Vadodra /GTG BASED COGEN PLANT, India	Boiler Feed Water	80 x 50 UCW 25M	2	54	238	75.00	246.00	2005
BHEL, Hyderabad	India	Indian Oil Corporation IPP-Panipat, India	Boiler Feed Water	150 x 100 DCS 3M	6	140	614	317.00	1039.76	2005
Nuclear Power Corporation Limited	India	Tarapur Atomic Power Station, Tarapur, Maharashtra	Circulating Water	Concrete Volute Pump, Concrete Volute	6	40,000	176,080	18.00	59.04	2005
Orissa Power Generation Corporation	India	1 x 500 MW Rihand Thermal Power Station, Rihand, Uttar Pradesh	Circulating Water	Vertical Turbine (BHM 130)	5	30,000	132,060	19.50	63.93	2004
Rajasthan State Electricity Board	India	2 x 250 MW Suratgarh Thermal Power Project Unit 4, Suratgarh, Rajasthan	Circulating Water	Vertical Turbine (BHQ 95M)	5	17,900	78,796	28.15	92.33	2004
Rajasthan State Electricity Board	India	2 x 250 MW Suratgarh Thermal Power Project Unit 5, Suratgarh, Rajasthan	Circulating Water	Vertical Turbine (BHQ 95M)	3	17,900	78,796	28.15	92.33	2004
Nuclear Power Corporation of India Limited	India	Kaiga Atomic Power Station Unit 3 & 4, Kaiga, Karnataka	Moderator Circulating Pump	Moderator Pump (CAN 220)	8	850	3,742	55.00	180.40	2004
Nuclear Power Corporation Limited	India	Kaiga Atomic Power Station, Kaiga, Karnataka	Moderator Circulating Pump	CAN 220, Moderator Pump	8	850	3,742	55.00	180.40	2004
Nuclear Power Corporation of India Limited	India	2 x 500 MW Tarapur Atomic Power Plant Unit 3 & 4, Tarapur, Maharashtra	Condensate Extraction	Cannister [BHRC 7 (4 Stages)]	6	1,210	5,326	220.00	721.60	2003
Konark Power Project Ltd, India	India	Konark Power Project, India	Boiler Feed Water	80 x 65 SS 15M	2	47	206	990.00	3247.20	2003

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
Clarion Power	India	Clarion Power Corporation Ltd., India	Boiler Feed Water	100 x 80 SS 13M	1	63	277	950.00	3116.00	2003
NPCIL	India	NPCIL/2 x 200 MW, RAPP 5 & 6, India	Auxiliary Boiler Feed Water	80 x 65 SS 10M	2	38	167	555.00	1820.00	2003
Nestler Ltd.	India	Gujarat Mineral dev Corporation LTD, India	Boiler Feed Water	65 x 50 MSS 9M	2	24	106	283.00	924.90	2003
Walchandnagar Ind. Ltd.	India	Walchandnagar Ind. Ltd, Alwar Power Co. Ltd, India	Boiler Feed Water	80 x 65 SS 15M	2	43	189	950.00	3116.00	2003
Nuclear Power Corporation of India Limited.	India	Nuclear Power Corporation of Ltd, India	Auxiliary Boiler Feed Water	(50 x 40 UCW 25M)	1	5	22	80.00	262.40	2003
Varam Power Projects Pvt. Ltd.	Indian	Varam Power Project Pvt. Ltd., India	Boiler Feed Water	(80 x 65 SS 14M)	1	34	149	930.00	3050.40	2003
Ansaldo	Italy	2 x 500 MW Akrimota Thermal Power Project, Akrimota, Gujarat	Condensate Extraction	Cannister (BHRC 28M)	6	204	897	264.00	586.92	2002
Akrimota Power Plant	India	Gujarat Mineral Development Corporation Limited, India	Boiler Feed Water	200 x 150 DCS 8FM	6	260	1,145	1907.00	8394.61	2002
National Thermal Power Corporation Limited	India	2 x 500 MW Simhadri Super Thermal Power Project, Simhadri, Andhra Pradesh	Circulating Water	Concrete Volute Pump	5	31,000	136,462	28.00	91.84	2001
DLF Power Ltd.	India	DLF Power Ltd., India	Boiler Feed Water	80 x 65 MSSH 14M	3	30	130	700.00	2296.00	2001
Neyveli Lignite Corporation	India	2 x 210 MW First Expansion, Neyveli, Tamil Nadu	Circulating Water	Vertical Turbine (BHQ 95)	5	16,500	72,633	24.20	79.38	2000
Bechtel International Inc.	USA	2 x 720 MW Dabhol Power project Phase II, Dabhol, Maharashtra, India	Circulating Water	Vertical Turbine (BHQ 95D)	5	22,000	96,844	28.50	93.48	2000
Karnataka Power Corporation Limited	India	2 x 210 MW Unit 5 & 6 Stage II Raichur Thermal Power Station, Raichur, Karnataka	Circulating Water	Vertical Turbine (BHQ 92)	5	15,600	68,671	24.24	79.51	1999
Haryana Power Generation Corporation Limited	India	2 x 210 MW Panipat Thermal Project, Panipat, Haryana	Circulating Water	Vertical Turbine (BHQ 92)	3	16,500	72,633	22.00	72.16	1999
Karnataka Power Corporation Limited	India	2 x 210 MW Unit 7&8 Stage III Raichur Thermal Power Station, Raichur, Karnataka	Circulating Water	Vertical Turbine (BHQ 92)	3	15,600	68,671	24.24	79.51	1999
Nuclear Power Corporation of India Limited	India	Rajasthan and Kaiga Atomic Power Station, RAPP & Kaiga	Moderator Circulating Pump	Moderator Pump (KCS 20/11R & KCS 20/20)	6	3	12	20.00	65.60	1999
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Kaiga Atomic Power Station, Kota, Rajasthan Kaiga, Karnataka"	Moderator Circulating Pump	KCS 20/11R & KCS 20/20, Moderator Pump	6	3	12	20.00	65.60	1999
DSD	Germany	GTEC Paguthan Power Project, Paguthan, Gujarat	Condensate Extraction	Cannister [BHRC 35-30 (7 Stages)]	3	550	2,421	227.50	746.20	1998

INDIA

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	
ABB / Hindalco	India	2 x 74 MW Renusagar Power Project, Renusagar, Uttar Pradesh	Condensate Extraction	Cannister [MNCV 37-20 (5 Stages)]	4	300	1,321	180.00	590.40	1997
Fertiliser and Chemical Limited	India	900 TPD Ammonia Plant, Udyogmandal, Kerala	Condensate Extraction	Cannister [BHRC 28 (10 Stages)]	4	10	46	41.00	134.48	1997
Nuclear Power Corporation of India Limited	India	500 MW Tarapur Atomic Power Station, Tarapur, Maharashtra	Moderator Circulating Pump	Moderator Pump (CAN 220)	11	814	3,583	53.60	175.81	1997
Nuclear Power Corporation of India Limited	India	RAPP / Kaiga / Narora Atomic Power Station, RAPP / Kaiga / Narora	Moderator Circulating Pump	Moderator Pump (KCS 32/14 R 22F)	30	0.75 to 2.8	3 to 12	20 to 30	65.6 to 98.4	1997
Rolls Royce	UK	208 MW Godavari Combined Cycle Power Project, Godavari	Circulating Water	Vertical Turbine (BHQ 85)	2	15,200	66,910	19.30	63.30	1997
Nuclear Power Corporation Limited	India	Tarapur Atomic Power Station, Tarapur, Maharashtra	Moderator Circulating Pump	CAN 220, Moderator Pump	11	814	3,583	53.60	175.81	1997
Nuclear Power Corporation Limited	India	Rajasthan Atomic Power Station, Kaiga Atomic Power Station, Narora Atomic Power Station, Kota, Rajasthan, Kaiga, Karnataka, Narora, Uttar Pradesh"	Moderator Circulating Pump	KCS 32/14 R 2.2 F, Moderator Pump	30	0.75 to 2.8	3 to 12	20 to 30	65.6 to 98.4	1997
Orissa Power Generation Corporation	India	2 x 210 MW IB Valley Unit 1, Jharsuguda, Orissa	Circulating Water	Vertical Turbine (BHQ 92)	6	15,000	66,030	26.61	87.28	1996
BSES Limited	India	2 x 250 MW Dahanu Thermal Power Project, Dahanu, Maharashtra	Circulating Water	Concrete Volute Pump	4	20,750	91,342	17.00	55.76	1994
Nuclear Power Corporation of India Limited	India	Kaiga Atomic Power Project, Kaiga, Karnataka	Condensate Extraction	Cannister [BHRC 42 (4 Stages)]	4	1,020	4,490	199.00	652.72	1992
Nuclear Power Corporation of India Limited	India	Rawatbhata Atomic Power Project, Rawatbhata, Rajasthan	Condensate Extraction	Cannister [BHRC 42 (4 Stages)]	4	1,020	4,490	199.00	652.72	1992
Nuclear Power Corporation Limited	India	Kaiga Atomic Power Station, Kaiga, Karnataka	Condensate Extraction	BHRc 42 (4-stage), Cannister	4	1,020	4,490	199.00	652.72	1992
Nuclear Power Corporation Limited	India	Rawatbhata Atomic Power Station, Rawatbhata, Rajasthan	Condensate Extraction	BHRc 42 (4-stage), Cannister	4	1,020	4,490	199.00	652.72	1992
Nuclear Power Corporation of India Limited	India	Narora Atomic Power Project, Narora, Gujarat	Circulating Water	Vertical Turbine (BHQ 92)	6	13,849	60,963	18.90	61.99	1991
Nuclear Power Corporation Limited	India	Narora Atomic Power Station, Narora, Gujarat	Circulating Water	BHQ 92, Vertical Turbine	6	13,849	60,963	18.90	61.99	1991
Department of Atomic Energy	India	Thal, Hazira & FACT	Moderator Circulating Pump	Moderator Pump (CAN 2.2)	180	21	93	21.00	68.88	1991
Nuclear Power Corporation of India Limited	India	Kakrapara Atomic Power Project, Kakrapara, Gujarat	Condensate Extraction	Cannister [BHRC 42 (3 Stages)]	4	1,110	4,886	125.00	410.00	1990
Nuclear Power Corporation Limited	India	Kakrapara Atomic Power Station, Kakrapara, Gujarat	Condensate Extraction	BHRc 42 (3-stage), Cannister	4	1,110	4,886	125.00	410.00	1990

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Nuclear Power Corporation of India Limited	India	Kakrapar Atomic Power Project, Kakrapar, Gujarat	Condensate Extraction	Cannister (RKBC V50-15L)	4	32	142	65.00	213.20	1989
National Thermal Power Corporation Limited	India	Ramagundam Super Thermal Power Project, Ramagundam, Telangana	General Service	Vertical Turbine (BHM 40)	4	3,000	13,206	15.20	49.86	1989
Nuclear Power Corporation Limited	India	Kakrapar Atomic Power Station, Kakrapar, Gujarat	Condensate Extraction	RKBC V50-15L, Cannister	4	32	142	65.00	213.20	1989
National Thermal Power Corporation Limited	India	Farakka Phase I Thermal Station Farakka, West Bengal	Circulating Water	Vertical Turbine (BHM 100)	1	16,000	70,432	16.36	53.66	1987
National Thermal Power Corporation Limited	India	4 x 500 MW Korba Super Thermal Power Project, Korba, Chhattisgarh	Circulating Water	Vertical Turbine (Vertical Mixed Flow)	7	33,000	145,266	11.00	36.08	1987
National Thermal Power Corporation Limited	India	4 x 500 MW Korba Super Thermal Power Project, Korba, Chhattisgarh	Circulating Water	Vertical Turbine	6	33,000	145,266	20.00	65.60	1987
Gujarat Torrent Energy Corporation	India	655 MW Paguthan Combined Cycle Power Project, Paguthan, Gujarat	Circulating Water	Vertical Turbine (BHQ 95M)	3	17,838	78,523	20.03	65.70	1987
Kerala Electricity Board	India	Sengulam Thermal Station, Sengulam, Tamil Nadu,	Circulating Water	Vertical Turbine	1	15,300	67,531	14.60	47.89	1986
Uttar Pradesh State Electricity Board	India	Anpara Thermal Station, Anpara, Uttar Pradesh	Circulating Water	Vertical Turbine (BHQ 95M)	9	17,500	77,035	24.69	80.98	1985
Uttar Pradesh State Electricity Board	India	Anpara Thermal Station, Anpara	Circulating Water	Vertical Turbine (BHQ 95M)	9	17,500	77,035	24.69	80.98	1985
Madras Atomic Power Project Unit I and II	India	Madras Atomic Power Project Unit I and II, Kalpakkam, Tamil Nadu	Circulating Water	Vertical Turbine (BHMa 83)	14	11,304	49,760	9.50	31.16	1982
Nuclear Power Corporation Limited	India	Madras Atomic Power Station, Kalpakkam, Tamil Nadu	Circulating Water	BHMa 83, Vertical Turbine	14	11,304	49,760	9.50	31.16	1982
Bharat Heavy Electricals Limited	India	Koradi Thermal Power Station, Koradi, Madhya Pradesh	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	3	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Obra Thermal Power Station, Obra, Uttar Pradesh	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	12	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Bhusawal Thermal Power Station, Bhusawal, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	3	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Satpura Thermal Power Station, Satpura, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	6	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Nasik Thermal Power Station, Nasik, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	9	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Ukai Thermal Power Station, Ukai, Gujarat	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	6	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Badarpur Thermal Power Station, Badarpur, Delhi	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	6	280	1,233	201.00	659.28	1978-86

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

INDIA

Bharat Heavy Electricals Limited	India	Bandel Thermal Power Station, Bandel, West Bengal	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	3	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Koradi Thermal Power Station, Koradi, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	15	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Chandrapur Thermal Power Station, Chandrapur, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	15	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Bhusawal Thermal Power Station, Bhusawal Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	15	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Satpura Thermal Power Station, Satpura, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	6	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Bokaro Thermal Power Station, Bokaro, Jharkhand	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	3	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Singrauli Thermal Power Station, Singrauli, Madhya Pradesh	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	15	280	1,233	201.00	659.28	1978-86
Bharat Heavy Electricals Limited	India	Parali Vajinath Thermal Power Station, Parali Vajinath, Maharashtra	Condensate Extraction	Cannister (MNCV 37-20, 5 Stages)	3	280	1,233	201.00	659.28	1978-86
Maharashtra State Electricity Board	India	2 x 210 MW Bhusawal Thermal Power Project, Bhusawal, Maharashtra	Circulating Water	Vertical Turbine (BHQ 92)	4	15,000	63,030	26.20	85.94	1980/83
National Thermal Power Corporation Limited	India	Badarpur Extension Thermal Station, Badarpur, Delhi	Circulating Water	Vertical Turbine, (BHM 100)	2	15,000	66,030	17.86	58.58	1978

JAPAN

Ebara Corporation	Japan	NS Energy, Japan	Boiler Feed Water	(80 x 65 SS 13M)	3	33	145	848.60	2783.41	2002
-------------------	-------	------------------	-------------------	------------------	---	----	-----	--------	---------	------

INDONESIA

PT. Punj Lloyd	Indonesia	3 x 18 MW CFPP Sangatta Indonesia	Circulating Water	Vertical Turbine BHQ 27	2	600	2641.2	10	44.02	2014
PT. Punj Lloyd	Indonesia	3 x 18 MW CFPP Sangatta Indonesia	Circulating Water	Horizontal Split Case UP 550-7C	4	4800	21129.6	29	127.65	2014
Ebara Corporation	Japan	Pertamina, Indonesia	Boiler Feed Water	(150 x 100 DCS 10T)	1	128	563	793.62	2603.07	2001

PHILIPPINES

TPSC India Private Limited	India	3 x 55 MW Balingasag Thermal Power Project, Philippines	Circulating Water	Vertical Turbine (BHM 85)	4	12,000	52,824	13.60	44.61	2015
TPSC India Private Ltd	India	Minergy Coal Company, Philippines	Boiler Feed Water	(150 X 150 KBDH 8)	4	256	1,127	1275.00	4182.00	2015

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

SAUDI ARABIA

SEPCO Electric Power Construction Corporation	China	Saudi Aramco Jazan, Saudi Arabia	General Service	End Suction (KPD 80/26)	20	79.75	351	25.84	84.76	2018
SEPCO Electric Power Construction Corporation	Saudi Arabia	Saudi Aramco, Jazan, Saudi Arabia	Condensate	(500 x 350 KVSL 4 Stages)	20	1,288	5,670	2501.60	8205.25	2015
SEPCO Electric Power Construction Corporation	Saudi Arabia	Saudi Aramco, Jazan, Saudi Arabia	CGT Mixed gas	(80 x 50 KESS 13)	10	59.7	263	20.90	68.55	2015
SEPCO Electric Power Construction Corporation	Saudi Arabia	Saudi Aramco, Jazan, Saudi Arabia	HRSG	(100 x 80 KVSL 5 Stages)	20	20	88	50.30	164.98	2015

THAILAND

Black & Veatch Corporation	Thailand	Bang Pakong Unit 1-2 Onshore, Thailand	General Service	Horizontal End Suction Pump (KPD 100/20)	2	205	902.0	50	164.0	2019
Black & Veatch Corporation	Thailand	Bang Pakong Unit 1-2 Onshore, Thailand	General Service	Horizontal Split Case Pump (SCT150/48-1)	2	215	946.0	60	196.9	2019
Black & Veatch Corporation	Thailand	Bang Pakong Unit 1-2 Onshore, Thailand	General Service	Vertical Turbine Pump (VEP21C)	2	175	770.0	69	226.4	2019
Black & Veatch Corporation	Thailand	Bang Pakong Unit 1-2 Onshore, Thailand	General Service	Horizontal End Suction Pump (SHL400/77A)	4	2000	8800.0	56	183.7	2018
Marubeni Corporation	Thailand	South Bangkok Power Plant Replacement Project Phase 1, Thailand	Circulating Water Pumps	Vertical Turbine Pump (BHQ 95D)	5	19,900	87,560.0	32.3	106.0	2018
Marubeni Corporation	Thailand	South Bangkok Power Plant Replacement Project Phase 1, Thailand	Cooling Water Make-up Pumps	Vertical Turbine Pump (BHQ 42.5)	3	2,900	12,760.0	23	75.5	2018
Black & Veatch Corporation	USA	600 MW Mae Moh Power Plant, Thailand	Circulating Water	Vertical Turbine (BHQ 125)	3	31,645	140,182	29.47	96.66	2016
Black & Veatch Corporation	USA	600 MW Mae Moh Power Plant, Thailand	Auxiliary Cooling Water	Vertical Turbine (BHQ 62M)	2	5,565	24,497	29.00	95.12	2016
Marubeni Corporation	Japan	600 MW Mae Moh Power Plant, Thailand	General Service	Vertical Turbine (BHQ 37)	2	2,000	8,804	15.00	49.20	2016
Doosan Heavy Industries Limited	South Korea	Glow CFB3, Thailand	Condensate Extraction	Cannister [BHRC28 D (4 Stages)]	2	341	1,501	200.00	656.00	2009
Doosan Heavy Industries Limited	Thailand	115 MW Glow Phase 3, Thailand	Circulating Water	Vertical Turbine (BHM 85M)	2	15,000	66,030	15.00	49.20	2009

UAE

Hyundai Engineering and Construction Company Limited	Korea	1600 MW MIRFA IWPP, Abu Dhabi UAE	Boiler Feed	Horizontal Multi Stage (250 x 200 KBDH, 8 Stages)	6	740	3,257	1380.00	4526.40	2016
Hyundai Engineering and Construction Company Limited	Korea	1600 MW MIRFA IWPP, Abu Dhabi UAE	Condensate Extraction	Cannister (BHRC 7-5 Stages)	4	1050	4,622	215.00	705.20	2015
Petrofac International - Crescent Petro. Co. Ltd.	UAE	Crescent Petroleum Company International Ltd/ Gas Processing Plant, Sharjah, UAE	Boiler Feed Water	(80 x 50 DCS 8M)	2	24.1	106	475.00	1558.00	2005

Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/ Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

UZBEKISTAN

CALIK Enerji	Turkey	2x450 MW CCPP Turakurgan TPP, Uzbekistan	Sump Pumps	NS & KPD	74					2018
CALIK Enerji	Turkey	2x450 MW CCPP Turakurgan TPP, Uzbekistan	Raw Water Pumps	BHR 50	2	1,700	7,480.0	49	160.8	2018
CALIK Enerji	Turkey	450 MW Navoi II - Thermal Power Station Modernization Project, Uzbekistan	Sump Pumps	NS & KPD	57					2018
CALIK Enerji	Turkey	450 MW Navoi II - Thermal Power Station Modernization Project, Uzbekistan	ACW Pumps	BHQ 42.5M (2-stage)	3	4,250	18,700.0	34	111.5	2018
CALIK Enerji	Turkey	2x450 MW CCPP Turakurgan TPP, Uzbekistan	ACW Pumps	BHR 90	3	4,650	20,460.0	42	137.8	2017
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	Axially split case (iHT15DA)	3	525	2,311	120.40	394.91	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	Horizontal Split Case (UP 400/48V)	2	1,557.6	6,857	12.70	41.66	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (KPD 40/20A)	2	19.6	86	48.00	157.44	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (KPD 65/43)	4	60	264	44.00	144.32	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (KPD 125/45)	2	220	968	71.00	232.88	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (UP 300/39)	2	825	3,632	15.00	49.20	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (KPD 65/32)	3	62	274	22.00	72.16	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	End Suction (RKBF 100/23E)	2	99.2	437	202.00	662.56	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	Circulating Water	Vertical Turbine (BHQ 75)	2	10,881	47,898	21.40	70.19	2011
CALIK Enerji	Turkey	477 MW Navoi, Combined Cycle Power Project, Uzbekistan	General Service	Horizontal Split Case (UP 350/66V)	2	2,105	9,266	48.70	159.74	2011



Coastal Gujarat Power Limited (CGPL)

Location: Gujarat, India

Supply of 10 sets of Concrete Volute Pumps, world's largest circulating water system for sea water application



Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)

Location: Tamil Nadu, India

India's first Primary Sodium Pump for

500 MW prototype fast breeder nuclear reactor



Calik Enerji, Turkey

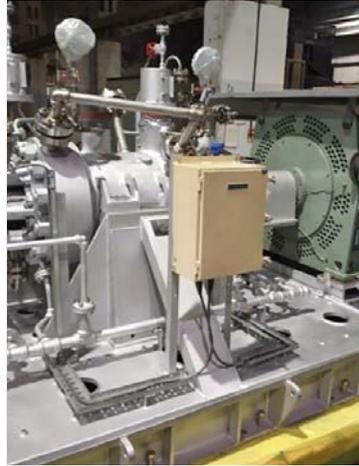
Location: Uzbekistan

477 MW Navoi Combined Cycle Power Plant



Moderator Coolant Pump

Kakrapar Atomic Power Station, Gujarat
 Kalpakkam (Madras) Atomic Power Station, Tamil Nadu
 Narora Atomic Power Station, Uttar Pradesh
 Kaiga Nuclear Power Plant, Karnataka
 Rajasthan Atomic Power Station, Rajasthan
 Tarapur Atomic Power Station, Maharashtra



Auxiliary Boiler Feed Pump

Project: Kakrapara Atomic Power Plant
Application: Critical Safety System pump providing backup water supply to steam generators.
Location: Gujarat, India



Main Coolant Pump

Project: High Flux Research Reactor
Application: Main Coolant Pump
Location: Visakhapatnam, India



Small Canned Motor Pumps

Project: Heavy Water Plant
Application: Canned Motor Pumps for the production of Heavy Water
Location: Managuru, Telangana, India and Hazira, Gujarat, India



Circulating Water System

Kakrapar Atomic Power Station, Gujarat
 Kalpakkam (Madras) Atomic Power Station, Tamil Nadu
 Narora Atomic Power Station, Uttar Pradesh
 Kaiga Nuclear Power Plant, Karnataka
 Rajasthan Atomic Power Station, Rajasthan
 Tarapur Atomic Power Station, Maharashtra



BHAVINI, Kalpakkam (1 x 500 MW Prototype Fast Breeder Reactor)

Indigenously developed Secondary Heat Transfer (Sodium) Pump
Design Parameters

- Flow: 12,024 m³/hr
- Head: 65 m
- Power: 2,700 kW
- Speed: 900 rpm
- Fluid handled: Liquid Sodium
- Design Temperature: 355 °C

EUROPE



Customer Name	Customer Country	Project Name and Project Location	Application	Pump Type/Product	Qty.	Flow		Head		Year of Supply
						m ³ /hr	USgpm	m	ft.	

DENMARK

BWSC	Denmark	144 MW EnermaltaMalta	Circulating Water	Vertical Turbine(BHR 130N)	2	11,025	48,532	25.21	82.69	2011
------	---------	-----------------------	-------------------	----------------------------	---	--------	--------	-------	-------	------

FRANCE

Larsen & Toubro Limited	India	500 MW ITER Project, France	Heat Recovery and Component Cooling	Vertical Turbine, Horizontal Split Case and End Suction (VT/HSC)	45					2018
-------------------------	-------	-----------------------------	-------------------------------------	--	----	--	--	--	--	------

GEORGIA

CALIK Enerji	Turkey	230 MW Gardabani Combined Cycle Power Project, Georgia	Circulating Water	Vertical Turbine (BHQ 65M E)	3	7,820	34,424	23.80	78.06	2014
CALIK Enerji	Turkey	230 MW Gardabani Combined Cycle Power Project, Georgia	Condensate Extraction	Cannister [BHRC 28D (3 Stages)]	2	350	1,541	128.00	419.84	2014
CALIK Enerji	Tuekey	230 MW Gardabani Combined Cycle Power Project, Georgia	Raw Water	Vertical Turbine [BHR 35 (2 Stages)]	2	410	1,805	42.00	137.76	2014

GREECE

Metka	India	417 MW Aliveri 5, Greece	Condensate Extraction	Cannister [BHRC 42S (3 Stages)]	2	707	3,112	131.00	429.68	2009
-------	-------	--------------------------	-----------------------	---------------------------------	---	-----	-------	--------	--------	------

SPAIN

TSK	Spain	190 MW CCPP Project Renaissance, Jamaica	Closed Cooling Water Pumps	KPD 250/50	2	977.3	4,300.1	47	154.2	2018
Duro Felguera	Spain	Power Plant Of Chilca Plus, Peru	Effluent Discharge Pumps	Non Clog Submersible NS 50/26 NB	2	30	132.06	11	36.08	2016
Duro Felguera	Spain	Power Plant Of Chilca Plus, Peru	Effluent Transfer Pumps	Non Clog Submersible NS 65/32 N	2	65	286.13	12	39.36	2016
Duro Felguera	Spain	Power Plant Of Chilca Plus, Peru	Waste Water Pumps	Sump Pump KPDS 80/26	2	120	528.24	23	75.44	2016
Duro Felguera	Spain	Power Plant Of Chilca Plus, Peru	Service Water Pressure Pumps	End Suction KPD 50/16A	2	72	316.94	40	131.2	2016
Tecnicas Reunidas	Spain	Ashuganj Combined Cycle Power Plant Project (North), Bangladesh	Auxiliary Open Cooling Water Pump	Vertical Turbine BHQ 35	1	2,290	10,080.58	38.6	126.60	2015
Iberese	India	Lebrija 1, Spain	Condensate Extraction	Cannister [BHRC 28M (7 Stages)]	2	166	731	190.00	623.20	2009

UNITED KINGDOM

GE/ Alstom	UK	4 x 400 MW Staythorpe Combined Cycle Power Project, England	Circulating Water	Vertical Turbine (BHQ 62)	8	9,072	39,935	27.00	88.56	2008
------------	----	---	-------------------	---------------------------	---	-------	--------	-------	-------	------

HYDRO TURBINES



Customer Name	Customer Country	Project Name & Location	Turbine Type	No Of Units	Unit Capacity-(kW)	Rated Head (M)	Rated Flow (M ³ /Sec)	Plant Capacity-(kW)	Status / Year Of Commissioning
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Pazhassi Sagar,Kerala	Horizontal Kaplan	3	2500	11	27	7,500	Under Execution
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Olikkal ,Kerala	Horizontal Francis	2	2500	92	3	5,000	Under Execution
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Poovaramthode, Kerala	Horizontal Francis	2	1500	54	3	3,000	Under Execution
Pune Muncpal Corporation, Pune	INDIA	Bund Garden, Maharashtra	Horizontal Propeller	1	350	4	11	350	Under Execution
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Peruvannamuzhy,Kerala	Horizontal Kaplan	2	3000	22	16	6,000	2023
Rajpur Hydro Power Pvt Ltd, Hyderabad	INDIA	Rajpur,Himachal Pradesh	Horizontal Francis	2	4950	100	6	9,900	2021
Nanal Hydro Power Consultancy, Shimla	INDIA	Hysrund,Himachal Pradesh	Horizontal Francis	2	1500	65	3	3,000	2019
DLI Power India Pvt Ltd, Mumbai	INDIA	Raura,Himachal Pradesh	Horizontal Pelton	3	4000	307	2	12,000	2019
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Kakkayam,Kerala	Horizontal Kaplan	2	1500	18	10	3,000	2018
Ashoka Sthapatya Pvt. Ltd., Akulj Solapur	INDIA	Gunjavani, Maharashtra	Horizontal Francis	1	2000	28	8	2,000	2018
Rohan Rajdeep Hydro Power Pvt Ltd, Pune	INDIA	Chikotra, Maharashtra	Horizontal Francis	1	1800	45	5	1,800	2017
Uttar Bharat Hydro Power Pvt Limited, New Delhi	INDIA	Sarju-II,Himachal Pradesh	Horizontal Francis	3	3500	155	3	10,500	2016
Tamil Nadu Electricity Board, Chennai	INDIA	Periyar Vaigai-IV,Tamilnadu	Horizontal Kaplan	2	1250	8	20	2,500	2016
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Barapole,Kerala	Horizontal Francis	3	5000	50	11	15,000	2016
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Adyanpara,Kerala	Horizontal Francis	2	1500	94	2	3,000	2015
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Adyanpara,Kerala	Horizontal Francis	1	500	94	1	500	2015
SMS Vidhyut Pvt Ltd, Nagpur	INDIA	Pench LBC,Maharashtra	Horizontal Kaplan	2	1500	13	20	3,000	2015
SMS Vidhyut Pvt Ltd, Nagpur	INDIA	Pench RBC, Maharashtra	Horizontal Kaplan	2	1500	11	8	3,000	2014
Uttar Bharat Hydro Power Pvt Limited, New Delhi	INDIA	Sarju-III,Himachal Pradesh	Horizontal Francis	3	3000	52	7	9,000	2014
Tamil Nadu Electricity Board, Chennai	INDIA	Periyar Vaigai-III,Tamilnadu	Horizontal Kaplan	2	2000	11	22	4,000	2014
Ascent Hydro Projects Ltd, Mumbai	INDIA	Panwi, Himachal Pradesh	Horizontal Pelton	2	2000	174	2	4,000	2013
Ascent Hydro Projects Ltd, Mumbai	INDIA	Sechi,Himachal Pradesh	Horizontal Francis	2	2250	135	2	4,500	2012
Kerala State Electricity Board,Thiruvananthapuram	INDIA	Rani Perunad, Kerala	Horizontal Kaplan	2	2000	7	39	4,000	2012
Batot Hydro Power Pvt Ltd, Mumbai	INDIA	Balij-Ka-Nala,Himachal Pradesh	Horizontal Francis	2	1750	89	2	3,500	2012
Vietnam Electronics & Informatics JSC, Hanoi	VIETNAM	An Khe Kanak, Vietnam	Vertical Kaplan	2	6500	37	21	13,000	2012
DLI Power India Pvt Ltd, Mumbai	INDIA	Darna,Maharashtra	Horizontal Kaplan	2	2450	19	16	4,900	2011
Vishvaj Energy Pvt Ltd, Pune	INDIA	Kasari,Maharashtra	Vertical Kaplan	1	2500	34	9	2,500	2011
Vishvaj Energy Pvt Ltd, Pune	INDIA	Dhom-Balkewadi, Maharashtra	Vertical Francis	1	3500	52	9	3,500	2011
Tamil Nadu Electricity Board, Chennai	INDIA	Periyar Vaigai-II ,Tamilnadu	Horizontal Kaplan	2	1250	8	20	2,500	2011
Atria Bridavan Power Pvt Ltd, Bangalore	INDIA	Brindavan Tailrace, Karnataka	Horizontal Kaplan	2	2000	18	14	4,000	2010

Customer Name	Customer Country	Project Name & Location	Turbine Type	No Of Units	Unit Capacity (kW)	Rated Head (M)	Rated Flow (M ³ /Sec)	Plant Capacity (kW)	Status / Year Of Commissioning
---------------	------------------	-------------------------	--------------	-------------	--------------------	----------------	----------------------------------	---------------------	--------------------------------

HYDRO TURBINES

Chung-Hsin Electric & Machinery Mfg Corp., Taiwan ROC	TAIWAN	TPC Zho Suwei, Taiwan	Vertical Kaplan	1	3607	14	30	3,607	2010
Mahalaxmi Vidhyut Pvt Ltd, Pune	INDIA	Konal, Maharashtra	Vertical Kaplan	2	5500	50	13	11,000	2010
Nortech Power Projects Ltd, Kolkata	INDIA	Rongli Khola, Sikkim	Horizontal Francis	2	2500	162	2	5,000	2010
Tamil Nadu Electricity Board, Chennai	INDIA	Periyar Vaigai-I, Tamilnadu	Horizontal Kaplan	2	2000	12	21	4,000	2010
Nortech Power Projects Ltd, Kolkata	INDIA	Pacha, Arunachal Pradesh	Horizontal Francis	2	1500	47	4	3,000	2009
Prasanna Power Limited, Bangalore	INDIA	Aniyur, Karnataka	Horizontal Francis	2	3000	48	7	6,000	2009
National Hydroelectric Power Corporation, Faridabad	INDIA	Sippi, Arunachal Pradesh	Horizontal Francis	2	2000	68	3	4,000	2008
National Hydroelectric Power Corporation, Faridabad	INDIA	Kambang, Arunachal Pradesh	Horizontal Francis	3	2000	75	3	6,000	2008
Tamil Nadu Electricity Board, Chennai	INDIA	Perunchani, Tamilnadu	Horizontal Kaplan	2	650	15	5	1,300	2006
Kalson Power Tech Pvt. Ltd, Mumbai	INDIA	Nugu-PH1, Karnataka	Horizontal Kaplan	2	750	12	8	1,500	2004
Uttaranchal Jal Vidyut Nigam Ltd, Dehradun	INDIA	Badrinath, Uttarakhand	Horizontal Francis	2	625	75	1	1,250	2004
A Power Himalayas Pvt. Ltd, Paonta Sahib	INDIA	Solang, Himachal Pradesh	Horizontal Francis	3	500	76	1	1,500	2003
Tamil Nadu Electricity Board, Chennai	INDIA	Aliyar, Tamilnadu	Horizontal Francis	2	1250	30	5	2,500	2003
Tamil Nadu Electricity Board, Chennai	INDIA	Nugu-PH2, Karnataka	Horizontal Francis	2	750	28	3	1,500	2002
Tamil Nadu Electricity Board, Chennai	INDIA	Mukurthy, Tamilnadu	Horizontal Francis	2	350	21	2	700	2000



Ankhe Kanak

Location: Vietnam
Hydro Power Project Management Board, Vietnam



DARNA HEP

Location: Nasik, Maharashtra
DLI Power India Pvt. Limited, Mumbai



Sechi HEP

Location: Himachal Pradesh
Ascent Hydro Projects Ltd, Mumbai



Enriching Lives

KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company

REGISTERED OFFICE & GLOBAL HEADQUARTERS

“Yamuna”, S. No. 98/(3-7), Plot No. 3, Baner,
Pune - 411 045, Maharashtra, India.

Toll Free: 1800-123-4443 | **Phone:** +91 (20) 67214444

Email: marketing@kbl.co.in | **Fax No.** 020 67211060

Website: www.kirloskarpumps.com | **CIN No.** L29113PN1920PLC000670

OUR COMPANIES



BRAYBAR PUMPS (PTY) LTD
Republic of South Africa



KARAD PROJECTS AND MOTORS LIMITED
India



KIRLOSKAR BROTHERS (THAILAND) LIMITED
Thailand



KIRLOSKAR CORROCOAT PRIVATE LIMITED
India



KIRLOSKAR EBARA PUMPS LIMITED
India



RODELTA PUMPS INTERNATIONAL B.V.
The Netherlands



SPP PUMPS LIMITED
United Kingdom



SYNCOFLO, INC.
U.S.A.