TURBINES REFERENCE LIST

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2024	Monforte	Brazil	1	Pelton	170,95	600	1,4	2.107	2.107	880	
2024	Sr. Nono	Brazil	1	Kaplan S Downstream type	11	400	10,65	1.060	1.060	1.400	0,5
2024	Cachoeira São José	Brazil	2	Kaplan Horizontal Spiral Case type	14,08	514,29	5,5	696	1.392	1.050	2,3
2024	Salto Quatis	Brazil	2	Francis	49,55	1200	1,062	476	952	410	1,5
2024	Larissa	Brazil	2	3	9,66	600	1,8	142	284	700	3
2023	Santo Cristo	Brazil	3	Francis	49,97	400	14,74	6.708	20.124	1.580	3
2023	Cará	Brazil	7	REVO-SI	6,5	360	8,5	450	3.000	1.300	-2
2023	Santo Antonio do Jacuí	Brazil	4	Kaplan Bulb Type	8,6	300	18,5	1442	5768	1700	-2,2
2023	Dourado	Brazil	2	Francis	25,75	720	2,26	525	1050	620	2,6
2023	Lagos	Brazil	1	Kaplan Saxo type	7,6	400	4,71	322	322	1100	0
2023	Iúna	Brazil	2	Kaplan S Downstream type	13,68	600	6,1	751	1502	105	1050
2023	Jatobá	Brazil	2	Kaplan Vertical Open Flume type	7,39	240	16,8	1112	2224	1850	1,5
2023	Santa Maria	Brazil	2	Kaplan S Downstream type	23	514,29	10	2093	5186	1250	-2
2023	Espadilha	Brazil	2	Kaplan S Downstream type	18,05	514,29	8,8	1440	2880	1250	-1
2023	Coxilha	Brazil	2	Kaplan S Downstream type	11,5	400	10,5	1087	2174	1350	0
2023	Contestado	Brazil	2	Kaplan S Downstream type	8,5	360	11	845	1690	1400	-1
2023	Bois	Brazil	1	Kaplan S Downstream type	8,68	514,29	5,5	427	427	1050	-0,5
2022	Santa Catarina	Brazil	1	Kaplan S Downstream type	12	450	10	1083	1083	1350	1
2022	Maria Cavalera	Brazil	2	Kaplan S Upstream type	16,8	360	15,53	2368	4736	1650	-2,5
2022	São João	Brazil	1	Francis	35,65	600	5	1618	1618	860	2
2022	São João	Brazil	1	Francis	35,65	514	7,2	2330	2330	1020	2
2022	São João	Brazil	1	Francis	35,65	1230	10,7	3463	3463	1230	2
2022	Makrochori	Greece	2	Kaplan S Upstream type	7,3	250	37,5	2500	5000	2300	-3,5
2022	Esquina Gauchá	Brazil	3	Kaplan Bulb Type	5,7	225	34,5	1765	5295	2350	-3
2022	Pira	Brazil	3	Kaplan S Downstream type	15,6	225	54	7710	23130	2905	-3
2022	Pira	Brazil	1	Kaplan S Downstream type	15,6	400	18	2570	2570	1740	-3
2022	Pira	Brazil	1	Kaplan S Downstream type	5,5	300	9,6	475	475	1500	1
2022	Parisoto	Brazil	1	Francis	24,39	720	3,5	758	758	730	0
2022	Três Capões	Brazil	2	Kaplan S Upstream type	19,2	300	32	5540	11080	2108	-3

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2022	Linha Onze	Brazil	3	Kaplan S Upstream type	18,5	257,14	40	6729	20187	2450	-3
2022	Boa Vista	Brazil	2	Kaplan S Upstream type	10,8	257,14	29	2842	5684	2280	-3
2021	Mimosa	Brazil	2	Kaplan Bulb Type	8,16	257	25	1850	3700	2150	-3
2021	São Carlos (VS)	Brazil	1	Kaplan Bulb Type	6	400	5,79	312	312	1250	-1,5
2021	Jaracatiá	Brazil	2	Kaplan S Downstream type	13	450	11,5	1350	2700	1500	-1,5
2021	Pampeana	Brazil	2	Francis	21,68	514	2,655	525	1050	740	3,5
2021	Líbera Maria	Brazil	2	Francis	31,98	900	1,81	521	1042	555	3
2021	Marrecas	Brazil	1	Kaplan S Downstream type	10,18	360	13,1	1130	1130	1550	-1,5
2021	Invernada das Mulas I	Brazil	1	Francis	12,6	257	8	913	913	1370	2,5
2021	Invernada das Mulas II	Brazil	1	Francis	12,6	400	3,5	395	395	908	2,5
2021	Fazenda Cachoeira	Brazil	2	Kaplan S Downstream type	16,8	600	8,2	1250	2500	1200	-2
2021	Divisa	Brazil	1	Kaplan S Downstream type	20,5	600	9,4	1740	1740	1200	-1
2021	Buricá	Brazil	1	Francis	23,08	450	6,6	1385	1385	1100	2,5
2021	Dengosa	Brazil	2	Francis		1200		450	900		
2021	Augusto Pestana	Brazil	1	Kaplan Bulb type	5,5	211,7	30	1497	1497	2350	-0,5
2021	Pedreiras	Brazil	2	Kaplan S Downstream type	8	212	26	1850	3700	2400	-1
2021	Chapadão	Brazil	2	Kaplan S Downstream type	19,4	400	14	2470	4940	1650	-1,5
2021	Ponte Serrada	Brazil	2	Kaplan Bulb type	4,39	200	25	995	1990	2250	-3
2021	Duas Pontes	Brazil	1	Kaplan S Downstream type	8,89	360	14,7	1195	1195	1600	-3,5
2021	Jacupiranga	Brazil	2	Kaplan Bulb type	4,31	211,76	21,8	852	1704	2100	-3
2021	Alexandre Rossi	Brazil	1	Kaplan S Downstream type	10,46	400	12,67	1200	1200	1600	-1,5
2021	Tio Hugo	Brazil	2	Kaplan S Upstream type	26	400	21,5	5100	10200	1750	-3,5
2021	Ponte Serrada (VS)	Brazil	1	Propeller Turbine	10,5	600	2,6	244	244	780	0,8
2021	Salto Formoso	Brazil	1	Francis	16,6	720	1,085	155	155	500	2,5
2021	Salto Formoso	Brazil	1	Francis	16,6	600	1,8	270	270	680	2,5
2021	Salto Estrela	Brazil	1	Kaplan S Downstream type	12,7	276,92	32,5	S	3735	2270	-1
2020	Cascata	Brazil	1	Kaplan S Upstream type	10,74	276	3,92	3050	3050	2240	-2,7
2020	Pedras Brancas I	Brazil	1	Francis	47,5	900	1,217	525	525	502	3,5
2020	Pimenta	Brazil	2	Francis	53,32	1200	1,141	550	550	450	3,5
2020	Ouro	Brazil	2	Kaplan S Downstream type	9	360	6,53	530	530	1320	1
2020	Mirim I	Brazil	1	Francis	20,55	450	5,4	1000	1000	1000	2,5
2020	Mirim II	Brazil	1	Francis	20,55	600	2,95	550	550	740	2,5
2020	Guaraú	Brazil	1	Kaplan S Upstream type	15,58	300	31,9	4300	4300	2250	-2,7
2020	Iberah	Brazil	1	Kaplan Saxo type	8,5	1200	0,85	65	65	410	0
2020	Evangelista	Brazil	2	Kaplan Open Pit type	4	257	22,2	790	1580	1870	-1

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2020	São Francisco	Brazil	1	Francis	23,34	400	7,74	1650	1650	1192	2,5
2020	São Francisco	Brazil	1	Francis	23,34	514	4,95	1050	1050	959	2,5
2020	Lontra	Brazil	1	Kaplan S Downstream type	13	600	6,6	780	780	1050	-1
2020	Júlio Bravo	Colômbia	4	Pelton	143,46	600	0,75	961	3844	950	
2020	Germania	Brazil	1	Kaplan S Downstream type	15	600	11	1050	1050	1200	-1
2020	Videira	Brazil	2	Kaplan S Downstream type	10,78	360	19,88	1950	3900	1800	-1
2020	Limoeiro	Brazil	1	Kaplan S Downstream type	6,25	240	18,78	1060	1060	2100	0
2020	Garcia	Brazil	1	Francis	11	300	5,05	500	500	1120	2,5
2020	Pindorama	Brazil	2	Kaplan S Downstream type	12,6	450	10,6	1130	2260	1350	-1
2020	Faé	Brazil	1	Francis	15	277	10	1320	1320	1400	3
2020	Faé	Brazil	1	Francis	15	400	4,96	660	660	985	3
2020	Dois Vizinhos	Brazil	2	Kaplan Open Pit type	7	225	43,6	2600	5200	2550	-3,5
2020	Carmo	Brazil	1	Kaplan S Downstream type	13,5	514,28	11,5	1300	1300	1400	0
2020	Botelho	Brazil	2	Francis	128	1800	0,47	537	1074	350	2
2020	Bortolozzo	Brazil	2	Kaplan S Downstream type	10,12	514	8,98	826	1652	1300	-1,5
2020	Boa Vista II	Brazil	3	Kaplan S Downstream type	15,95	240	70,93	10300	30900	3100	-2
2020	Beleza	Brazil	2	Francis	200,94	1200	1856	3366	6732	550	1,5
2020	Aparecida	Brazil	1	Kaplan S Downstream type	14,2	360	25,42	3276	3276	2050	-1,5
2020	Frozza	Brazil	1	Kaplan Horizontal Spiral Case type	28,26	600	6,55	1680	1680	1100	0
2020	Arabutã	Brazil	2	Francis	9,4	400	13,7	1150	2300	1500	-1,5
2020	Jacu	Brazil	2	Francis	86	1200	1,04	785	1570	450	2,5
2020	Cachoeirinha	Brazil	1	Kaplan S Downstream type	23,2	600	6,6	1410	1410	1000	-2
2020	Ambar	Brazil	2	Kaplan S Upstream type	22,5	450	13,6	2792	5584	1490	-2
2019	Rio Vermelho	Brazil	1	Francis	23	514,29	4,1	842	842	875	3,8
2019	Taguá	Brazil	2	Kaplan Open Pit type	8,2	200	45,7	3415	6830	2700	-3
2019	São Carlos	Brazil	3	Kaplan Vertical	10,46	150	55,3	5280	15840	3300	1
2019	Santa Paula	Brazil	2	Kaplan S Downstream type	6,4	257	13,58	781	1562	1840	1
2019	Rincão da ponte	Brazil	2	Francis	25	360	11,6	2610	5220	1400	1,8
2019	Perbone	Brazil	2	Kaplan S Downstream type	11,5	450	11	1140	2280	1405	-1
2019	Jacutinga	Brazil	2	Kaplan S Downstream type	25,15	514	11,23	2565	5130	1330	-1,5
2019	Linha Rica	Brazil	9	Kaplan Bulb type	7	360	16,68	1060	9540	1600	-3
2019	Enxadrista	Brazil	1	Kaplan S Downstream type	20	514,29	6,65	1113	1113	1100	-2
2019	Celso Ramos	Brazil	2	Kaplan S Upstream type	32,89	514,29	14,41	4350	8700	1450	-4
2019	Armando Ribeiro	Brazil	2	Kaplan Horizontal Spiral Case type	33	514,29	8,55	2574	5148	1200	-1,5
2019	Ponte Caída	Brazil	2	Francis	14	360	5,47	685	1370	1100	3

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2019	Capote	Brazil	2	Kaplan S Downstream type	13,6	514,29	6,2	710	1420	1150	-0,5
2018	Barrinha	Brazil	2	Kaplan Saxo type	6,5	360	4	243	486	1000	1,7
2018	Petinga	Brazil	1	Kaplan S Downstream type	8,7	400	9,21	720	720	1470	-1
2018	Igrejinha	Brazil	2	Kaplan S Downstream type	16,7	400	16,8	2560	5120	1660	-1,5
2018	Forquilha IV	Brazil	3	Kaplan S Upstream type	19	400	26	4500	13500	1920	-3,5
2018	Ibicuí II	Brazil	2	Kaplan S Downstream type	19,7	600	12,4	2217	4434	1400	-2
2018	Córrego	Brazil	2	Kaplan S Downstream type	18,9	600	12,3	2087	4174	1400	-2
2018	Sede II	Brazil	2	Francis	36,03	450	11,57	3800	7600	1300	4,5
2018	Ponte Serrada	Brazil	2	Kaplan S Upstream type	14,64	400	19	2197	4394	1700	-2,2
2018	São Fernando	Brazil	1	Kaplan S Downstream type	18	450	7,8	1260	1260	1280	2,5
2017	Barra das Águas	Brazil	2	Kaplan S Upstream type	27,12	400	18,17	4524	9048	1650	-2,1
2017	Pinios	Greece	3	Kaplan S Downstream type	11,5	300	20,7	2150	6450	1980	1
2017	Marombas I	Brazil	1	Kaplan S Downstream type	12,46	360	23,5	2643	2643	1950	-1
2017	Marombas I	Brazil	1	Kaplan S Downstream type	6,84	257	23,5	1451	1451	1080	-1
2017	Marombas II	Brazil	1	Kaplan S Downstream type	12,46	360	23,5	2643	2643	1950	-1
2017	Marombas II	Brazil	1	Kaplan S Downstream type	6,84	257	23,5	1451	1451	1080	-1
2017	Tapúias	Brazil	1	Kaplan S Downstream type	16,5	514,29	11,6	1767	1767	1270	0
2017	Siriveira	Brazil	1	Kaplan S Downstream type	16,5	514,29	11,6	1767	1767	1270	
2017	Nova Ponte Queimada II	Brazil	2	Kaplan S Downstream type	10,88	360	16,2	1580	3160	1700	1,3
2017	Rafael	Brazil	1	Kaplan S Downstream type	14,02	514,28	10,35	1275	1275	1400	-1
2017	Rancho Grande	Brazil	1	Kaplan S Downstream type	8,8	360	13,2	1048	1048	1600	1,8
2016	Fazenda Mato Grosso II	Angola	1	Kaplan S Downstream type	9	200	22,2	1611	1611	2040	1,44
2016	Castro	Brazil	2	Kaplan S Downstream type	12,4	400	18,5	2073	4146	1700	
2016	Palmeiras	Brazil	1	Kaplan Vertical	17,3	400	20	3000	3000	1800	-1,5
2016	Sucuri	Brazil	1	Kaplan Vertical	17,3	400	20	3000	3000	1800	
2016	Pinhal	Brazil	1	Kaplan Horizontal Spiral Case type	29	900	2,71	709	709	770	3,3
2016	St. Antonio de Casca	Brazil	1	Kaplan S Downstream type	7,7	327,27	15,3	1047	1047	1760	
2016	Usina Velha	Brazil	1	Kaplan Horizontal Spiral Case type	22,6	720	4,7	906	906	1191	2
2016	Estreito	Brazil	2	Kaplan S Downstream type	13,3	514,28	8,8	1060	2120	1285	1
2016	Força e Luz São Pedro	Brazil	1	Kaplan S Downstream type	7	327,27	13,2	835	835	1500	1,3
2016	San Jose de la Montana	Colômbia	1	Francis	44,5	900	2,6	1100	1100	695	1
2016	Uvaiá (Máquina 02)	Brazil	1	Kaplan S Downstream type	15,21	450	13,6	1877	1877	1500	2
2016	Branquinha	Brazil	1	Kaplan S Downstream type	9	500	5,3	431	431	1000	2
2015	Generoso	Brazil	1	Kaplan Vertical Open Flume type	8,1	200	44	3110	3110	2768	
2015	Ariranha	Brazil	1	Kaplan S Downstream type	15,4	720	5,2	723	723	930	2

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2015	Mario Fett	Brazil	1	Kaplan Vertical Open Flume type	8,2	300	10,2	722	722	1485	3,5
2014	Garça Branca	Brazil	2	Kaplan S Upstream type	19,04	400	19,53	3375	6750	1560	-2,2
2014	São Cristóvão	Brazil	1	Francis	175	1800	0,67	1055	1055	315	
2014	Pedra Lavada	Brazil	2	Francis	30,5	720	3,06	842	1684	716	2,5
2014	São Rafael	Brazil	2	Francis	57,5	900	0,88	457	914	470	
2014	Carlos Hacker	Brazil	2	Francis	30	600	3	822	1644	800	3,3
2014	Xavantina	Brazil	2	Kaplan S Upstream type	19,11	450	17,9	3180	6360	1560	-2
2014	Figueirão	Brazil	1	Kaplan S Downstream type	18,5	514,29	10,4	1775	1775	1270	1,7
2014	Uvaiá	Brazil	1	Kaplan S Downstream type	15,53	600	8	1134	1134	1120	2
2014	Pito	Brazil	2	Francis	198,3	1200	1,17	2088	4176	470	2,5
2013	Jacaré	Brazil	2	Kaplan S Downstream type	23,27	514,28	12,4	2662	5324	1420	0
2013	Rondinha	Brazil	1	Kaplan S Downstream type	21,38	900	5,7	1100	1100	880	0,7
2013	Casagrande	Brazil	1	Kaplan S Downstream type	9,43	400	12,2	1040	1040	1500	2
2013	Piabanha	Brazil	1	Kaplan Vertical	17	450	7	1068	1068	1200	
2012	Rio do Mato	Brazil	1	Kaplan S Downstream type	9	360	16	1307	1307	1550	-0,9
2011	Pirapora	Brazil	2	Kaplan Vertical	22,3	200	63,2	12902	25804	3260	-3,5
2011	Jamari	Brazil	3	Kaplan S Downstream type	13,1	240	58,1	6916	20748	2680	-2
2011	Santa Cruz de Monte Negro	Brazil	3	Kaplan S Downstream type	13,4	257,14	47,8	5871	17613	2550	-4
2011	Canaã	Brazil	3	Kaplan S Downstream type	15,6	300	42,02	5976	17928	2420	-3
2011	Rio Bonito	Brazil	1	Kaplan Bulb type	8	360	8,45	610	610	1420	
2011	Santiago	Brazil	1	Kaplan S Downstream type	9,4	400	7,9	670	670	1180	
2011	Parisoto	Brazil	1	Francis	27,65	720	3,42	844	844	723	
2011	Lontras	Brazil	1	Kaplan S Downstream type	14,95	514	6,3	842	842	1110	
2011	Mini Central	Brazil	1	Kaplan S Downstream type	5	350	7,2	321	321	1150	-1,4
2010	Bela União	Brazil	2	Kaplan S Downstream type	11,48	360	11,31	1172	2344	1371	
2010	João Borges	Brazil	3	Francis	32,67	300	22,24	6600	19800	1728	
2010	Piabanha	Brazil	1	Kaplan Vertical	15	450	8	1068	1068	1200	
2010	Ilha da Luz	Brazil	2	Kaplan S Downstream type	7,01	211,76	32	1981	3962	2400	
2010	La Cascada de Abejorral	Colômbia	1	Francis	136,7	900	2,5	3079	3079	620	1,8
2010	Barra do Rio Chapéu	Brazil	2	Francis Double type	54,82	600	15,96	7812	15624	1074	
2010	Mestre	Brazil	2	Francis	103,6	1200	1,1	1018	2036	470	
2010	Santa Cecília	Brazil	2	Francis	131,52	900	1,54	1810	3620	538	
2010	Ipoméia	Brazil	1	Kaplan Saxo type	8,5	400	7,7	588	588	1220	1,06
2009	RS155	Brazil	2	Kaplan Vertical	8,14	150	41,5	3000	6000	2770	
2009	Anjos	Brazil	1	Kaplan Vertical	13,03	360	7,1	834	834	1320	

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2009	Macuco	Brazil	1	Kaplan Vertical	14,75	400	6,65	886	886	1250	
2009	Suessen	Germany	1	Kaplan Vertical Open Flume type	3,2	300	6	1700	170	1250	1,5
2009	Kalupahana	Sri Lanka	2	Francis	46	750	2,6	1050	2100	680	
2009	Passo Ferraz	Brazil	3	Kaplan S Downstream type	9,15	360	17	1396	4188	1520	-5,3
2008	Novo Horizonte	Brazil	2	Francis	259,4	900	5,19	12200	24400	785	
2008	Coqueiral	Brazil	2	Francis	38,8	600	4,81	1686	3372	900	1
2008	Santa Ana	Brazil	2	Francis	63,94	600	6,1	3438	6876	942	1
2008	Rio das Pedras	Brazil	1	Kaplan S Downstream type	15,2	450	7,75	1055	1055	1190	2,5
2008	Bossardi	Brazil	1	Kaplan S Downstream type	11,52	300	10,23	1057	1057	1500	
2008	Maria Célia I	Brazil	2	Francis	19,61	323	3,7	645	1290	910	
2008	Maria Célia II	Brazil	1	Francis	19,61	306	1,9	326	326	660	
2008	Nova Dorneles I	Brazil	2	Francis	30,58	400	7,8	2135	4270	670	
2008	Angelina	Brazil	1	Francis	36,9	600	3,95	1300	1300	800	
2008	Pacheco	Brazil	2	Francis	106	134	1,12	1052	2104	585	2
2008	Figueirópolis	Brazil	2	Kaplan S Downstream type	14,89	150	75,05	10014	20028	3600	-4,5
2008	São Joaquim	Brazil	1	Kaplan S Downstream type	14,07	300	23,85	3013	3013	1910	-1,5
2008	Barra Clara	Brazil	1	Kaplan Vertical	20,86	450	8,95	1684	1684	1230	2
2007	Telegráfica	Brazil	3	Kaplan S Downstream type	18,96	200	61,3	10508	31524	3200	-1,4
2007	Sapezal	Brazil	3	Kaplan S Downstream type	9,72	150	64,5	5589	16767	3200	-1
2007	Cidezal	Brazil	3	Kaplan S Downstream type	10,86	150	60,7	5941	17823	3200	-0,5
2007	Nova Fátima	Brazil	2	Francis Double type	18,31	400	13,27	2193	4386	1150	
2007	Carlos Bevilácqua	Brazil	1	Kaplan S Downstream type	7,73	300	11,94	833	833	1683	
2007	Tonete	Brazil	1	Francis	27,5	221	2,2	537	537	764	
2006	Cachoeira Brumado	Brazil	2	Francis	53,17	600	2,56	1212	2424	820	3
2006	Blackwater	Brazil	2	Francis	31	500	2,5	700	1400	745	
2006	Nakkawita	Brazil	2	Kaplan Vertical Open Flume type	5,9	257,14	11	585	1170	1380	
2006	Chibarro	Brazil	1	Francis	69	600	2,2	1374	1374	730	2,9
2006	Contestado	Brazil	2	Francis Double type	27,75	514,28	11,55	2765	5530	900	1,8
2006	Coronel Araújo	Brazil	2	Francis Double type	29,1	514	11	2765	5530	990	2,2
2006	Chaminé	Brazil	4	Pelton	308	360	1,71	4500	18000		
2006	La Cascada	Brazil	1	Francis Double type	87	900	3,1	2400	2400	620	1,8
2006	Poço Preto I	Brazil	1	Kaplan S Downstream type	24,5	300	18,65	4122	4122	2000	2
2006	Faz. Mato Grosso II	Brazil	1	Kaplan S Downstream type	7,3	200	20	1302	1302	2000	1,4
2006	Capão Preto	Brazil	1	Francis	72	514,28	3,25	2105	2105	870	4
2005	Moinho	Brazil	1	Kaplan S Downstream type	7	514,28	4,25	2705	2705	900	

Year	Project	Country	Units	Turbine Type	Net Head [m]	Speed [rpm]	Discharge [m³/s]	Power Unit [kW]	Total Power [kW]	Runner Diameter [mm]	Hs [m]
2005	Ponte Alta	Brazil	2	Francis	140,2	720	5,35	6710	13420	896	0,8
2005	Galaha	Brazil	1	Francis	50	750	2,25	1021	1021	669	
2005	Engº J. Gelásio da Rocha	Brazil	3	Francis	63	514,28	14,49	8150	24450	1401	-2
2005	Rondonópolis	Brazil	3	Francis	60,5	450	16,95	9150	27450	1390	-3,5
2005	Caju	Brazil	2	Francis	86	900	4,33	1740	3480	588	2
2005	Tröndler	Germany	1	Kaplan S Downstream type	2,3	205	9	184	184	1500	0,3
2004	Flor do Sertão	Brazil	3	Kaplan S Upstream type	24,96	360	25,43	5729	17187	1900	-2,75
2004	Caeté	Brazil	3	Francis	15	710	0,9	106	318	470	2
2003	Linha 3 Leste – Mini Central	Brazil	1	Kaplan S Upstream type	10,78	400	8,94	870	870	1650	
2003	Dal Sam	Brazil	1	Kaplan S Downstream type	9,6	300	7,9	677	677	1400	3
2003	Braga	Brazil	1	Kaplan S Downstream type	8,47	400	6,98	533	533	1140	0,7
2003	Tonini	Brazil	1	Kaplan S Downstream type	6,7	450	3,9	230	230	900	
2003	São Marcos	Brazil	2	Francis	28	514	4,54	1133	2266	877	2,43
2003	Pinhal II	Brazil	1	Kaplan S Downstream type	13	327	11,6	1361,6	1361,6	1500	2,5
2003	Comandai	Brazil	1	Kaplan S Downstream type	7,3	200	20	1302	1302	2040	2,9
2003	Santo Antônio	Brazil	2	Kaplan S Upstream type	14,7	300	17,7	2344	4688	1760	1,3
2002	Linha 3 Leste	Brazil	3	Kaplan S Upstream type	24,3	360	20,17	4377	13131	1650	-2,4
2002	Tatu	Brazil	2	Francis	19,3	450	3,4	589	1178	832	4
2002	Cascata das Andorinhas	Brazil	2	Francis	137	1800	0,51	625	1250	300	2,4
2001	Muxfeldt Marin	Brazil	1	Kaplan Saxo type	13,7	380	8,8	1089	1089	1400	2
2001	Vitorino I	Brazil	2	Francis Double type	32,88	600	9,25	2740	5480	930	2,3
2001	Salto do Lobo	Brazil	1	Kaplan S Downstream type	13	360	9,3	1067	1067	1400	2,75
1999	Cotovelo do Jacuí	Brazil	2	Kaplan Saxo type	11	300	17	1784	3568	1650	-1
1999	Cerquilho	Brazil	2	Kaplan Saxo type	12	300	25,4	1380	2760	1650	2,8
1999	Obraservice	Brazil	2	Propeller Turbine	7	430	4	306	612	1100	2,8
1999	Abaúna	Brazil	1	Kaplan S Upstream type	21,5	805	4	780	780	800	2