

Mhyllab's turbines - References list

For most of these turbines, Mhyllab was in charge of the turbine calculation, general design, supply of the complete hydraulic profile and the efficiency guarantees

DW: drinking water; IW: irrigation water; WW: wastewater; A: attraction discharge for fish pass ; WT: waters from tunnel ; EF : Environmental flow; R: river & water stream

Client	Name of the powerplant	Country	Type of turbine	Type of SHP	Output per unit (kW)	Number of units	Discharge per unit (m ³ /s)	Net head (m)	Year
SARL Desgranges	La Balme	France	1-nozzle Pelton	R	1639	2	0.280	675	2022
Häny AG	Salen	Switzerland	1-nozzle Pelton	DW	95	1	0.025	435	2022
Häny AG	Liddes Combe de l'A	Switzerland	1-nozzle Pelton	DW	308	1	0.080	442	2022
Telsa - Jacquier Luisier	Montoz Verségères	Switzerland	2-nozzle Pelton	IW	1073	1	0.150	820	2022
Häny AG	Tierpark - Dählhölzi	Switzerland	1-nozzle Pelton	DW	19	1	0.026	85	2022
Telsa - Jacquier Luisier	Mayentset	Switzerland	1-nozzle Pelton	DW	127	1	0.040	366	2021
SARL Desgranges	Réservoir 1	France	1-nozzle Pelton	DW	118	1	0.040	340	2021
SARL Desgranges	Réservoir 2	France	1-nozzle Pelton	DW	60	1	0.031	227	2021
SARL Desgranges	Hygo	France	2-nozzle Pelton	R	1187	1	0.235	577	2018
M.T.I.	Paletes	France	Kaplan	R	318	1	8.000	5	2018
Häny AG	Petit Revers	Switzerland	2-nozzle Pelton	DW	116	1	0.160	83	2018
Häny AG	Eau Froide	Switzerland	3-nozzle Pelton	DW	444	1	0.400	126	2018
Häny AG	Torneresse	Switzerland	2-nozzle Pelton	DW	270	1	0.200	154	2018
Gasa Hydro SA	Combes Riddes	Switzerland	2-nozzle Pelton	DW	246	1	0.060	473	2018
SAS Mathieu et Compagnie - Sapelem	Melles	France	5-nozzle Pelton	R	2357	1	1.650	162	2018
SARL Desgranges	Martinet	France	2-nozzle Pelton	R	3527	1	1.350	299	2018
Häny AG	C5 Madonna degli Angeli	Switzerland	2-nozzle Pelton	DW	276	1	0.062	477	2018
Häny AG	C4 Vellano	Switzerland	2-nozzle Pelton	DW	80	1	0.055	167	2018
Häny AG	C3 Prada	Switzerland	1-nozzle Pelton	DW	33	1	0.009	423	2018
Häny AG	C2-Valle Melera	Switzerland	2-nozzle Pelton	DW	35	1	0.010	368	2018
Häny AG	C2- Ruscada	Switzerland	2-nozzle Pelton	DW	51	1	0.016	365	2018
Häny AG	C1 Carena Dosso	Switzerland	2-nozzle Pelton	DW	55	1	0.022	287	2018
Telsa - Jacquier Luisier	Arnon	Switzerland	4-nozzle Pelton	R	612	1	0.500	138	2018
Telsa - Jacquier Luisier	Moiry	Switzerland	2-nozzle Pelton	EF	123	1	0.110	128	2018
SARL DESGRANGES	Bouchouse	France	2-nozzle Pelton	R	1686	1	0.350	549	2018
Häny AG	Busnengo Quinto	Switzerland	1-nozzle Pelton	DW	60	1	0.025	274	2018
M.T.I.	Caty	France	Kaplan	R	560	1	28.000	2.3-2.49	2018
SARL Desgranges	Notre Dame des Millières	France	1-nozzle Pelton	R	1138	1	0.145	900	2018
SARL Desgranges	Robin	France	2-nozzle Pelton	R	2470	1	0.700	402	2018
Gasa Hydro SA	Le Châble I, Vionnaz	Switzerland	2-nozzle Pelton	DW	284	1	0.055	597	2018
Häny AG	Tréfois / Monthey 2 (à contre-pression)	Switzerland	2-nozzle Pelton	DW	224	1	0.065	397	2018
Häny AG	Petit-Clos / Monthey 3 (à contre-pression)	Switzerland	2-nozzle Pelton	DW	203	1	0.065	359	2018
HPP	1906	France	5-nozzle Pelton	R	1203	2	1.500	91	2018
Häny AG	Bovairons	Switzerland	1-nozzle Pelton	DW	105	1	0.105	115	2018
SARL Desgranges	St-Bonnet	France	4-nozzle Pelton	R	906	1	0.800	128	2018
Häny AG	Fadail	Switzerland	2-nozzle Pelton	DW	34	1	0.065	60	2018
Häny AG	Lieptgas	Switzerland	1-nozzle Pelton	DW	89	1	0.065	158	2018
Häny AG	Ried - St. Stephan	Switzerland	1-nozzle Pelton	R	19	1	0.015	148	2018
Häny AG	Dutg Grond	Switzerland	2-nozzle Pelton	WW	28	1	0.028	116	2018
SARL Desgranges	Serenne	France	1-nozzle Pelton	R	452	1	0.170	306	2018
Häny AG	Haute Nendaz	Switzerland	1-nozzle Pelton	DW	42	1	0.023	215	2018
Toye srl	Clitunno	Italy	4-blade Axial	R	70	1	2.000	4	2018
Toye srl	Sparone	Italy	Francis	R	353	3	0.500	72	2018
SHCN	Nyer	France	Pelton runner	R	3976	1	0.900	510	2018
Häny AG	Malatry - jet 1 + Vouagne Bourlo - jet 2 / Monthey 1	Switzerland	2-nozzle Pelton	DW	20 / 16	1	0.036 / 0.026	63.7 / 69.2	2018
Gasa Hydro SA	Villeneuve Tinière GP2	Switzerland	1-nozzle Pelton	DW	98	1	0.052	217	2018
Gasa Hydro SA	Villeneuve Tinière GP1	Switzerland	1-nozzle Pelton	DW	111	1	0.052	245	2018
Häny AG	Gerenstock	Switzerland	1-nozzle Pelton	DW	130	1	0.037	409	2018
Häny AG	Brunnmatt	Switzerland	1-nozzle Pelton	DW	9	1	0.010	111	2018
Häny AG	Finhaut	Switzerland	3-nozzle Pelton	DW	371	1	0.280	168	2018
Häny AG	Tobadill	Austria	1-nozzle Pelton	DW	141	1	0.040	405	2018
Telsa - Jacquier Luisier	Ollon Bruet	Switzerland	2-nozzle Pelton	DW	711	1	0.125	654	2018

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Client	Name of the powerplant	Country	Type of turbine	Type of SHP	Output per unit (kW)	Number of units	Discharge per unit (m ³ /s)	Net head (m)	Year
Häny AG	Sofleu	Switzerland	1-nozzle Pelton	R	31	1	0.045	78	2018
Häny AG	Siviez	Switzerland	1-nozzle Pelton	R	69	1	0.045	176	2018
Häny AG	Fang	Switzerland	1-nozzle Pelton	DW	183	1	0.044	487	2018
SARL Desgranges	Pré du Fourneau	France	1-nozzle Pelton	R	467	1	0.065	831	2018
SARL Desgranges	Eygun	France	2-nozzle Pelton	R	2406	1	0.670	412	2018
SARL Desgranges	St-Agnès	France	2-nozzle Pelton	R	1792	1	0.620	330	2018
SARL Desgranges	St-Barthélémy	France	1-nozzle Pelton	R	318	1	0.055	670	2018
SARL Desgranges	Montartier - roue	France	1-nozzle Pelton	R	2390	1	0.350	780	2018
SARL Desgranges	Charbonnet	France	2-nozzle Pelton	R	2749	1	0.620	505	2018
Häny AG	Mot Garlenda Roveredo	Switzerland	1-nozzle Pelton	DW	59	1	0.025	271	2018
Telsa - Jacquier Luisier	Icogne Supérieur	Switzerland	4-nozzle Pelton	IW	999	1	0.600	189	2018
Telsa - Jacquier Luisier	Hathey	Switzerland	1-nozzle Pelton	DW	127	1	0.065	224	2018
Telsa - Jacquier Luisier	Tintaz	Switzerland	1-nozzle Pelton	DW	165	1	0.065	293	2018
Gasa Hydro SA	GR18	Switzerland	2-nozzle Pelton	DW	526	1	0.120	503	2017
Häny AG	Airola, Foppa Grande	Switzerland	2-nozzle Pelton	DW	251	1	0.085	338	2017
Gasa Hydro SA	Eusin	Switzerland	2-nozzle Pelton	R	97	1	0.060	185	2017
Häny AG	Interlaken	Switzerland	2-nozzle Pelton	DW	27	1	0.050	63	2017
Häny AG	Malser Haide	Italy	4-nozzle Pelton	IW	762	1	0.550	157	2017
Häny AG	St Niklausen	Switzerland	2-nozzle Pelton	DW	166	1	0.070	270	2017
Häny AG	Niklaus Final	Switzerland	2-nozzle Pelton	DW	49	1	0.070	79	2017
Häny AG	Fellengatter - Feldkirch	Austria	2-nozzle Pelton	DW	109	1	0.056	222	2017
Gasa Hydro SA	GR17	Switzerland	2-nozzle Pelton	DW	369	1	0.120	383.0	2017
Jacquier Luisier SA	Champéry Etrivouez Groupe 2	Switzerland	4-nozzle Pelton	R	646	1	0.550	133	2017
Jacquier Luisier SA	Champéry Etrivouez Groupe 1	Switzerland	2-nozzle Pelton	R	249	1	0.200	142	2017
Häny AG	Toricella	Switzerland	1-nozzle Pelton	DW	15	1	0.008	232	2016
Ecowatt Sàrl	Moutiers	France	1-nozzle Pelton	DW	61	1	0.046	152.1	2016
Häny AG	Plattiberg	Switzerland	1-nozzle Pelton	DW	20	1	0.011	182	2016
Häny AG	St Johann im Pongau	Austria	1-nozzle Pelton	R	39	1	0.050	89	2016
Ecowatt Sàrl	Trabuc Le-Monetier-les-Bains	France	1-nozzle Pelton	DW	127	1	0.080	183	2016
Toye srl	Le Grillatier 1	France	Francis	R	1438	1	4.000	40.3	2016
Toye srl	Le Grillatier 2	France	Francis	R	760	1	2.000	42.6	2016
ANDINO Hydropower Engineeing S.à.r.l	Pelton 5 Jets	France	5-nozzle Pelton	R	1467	1	1.000	166	2016
SARL Desgranges	Mancies	France	6-blade Axial	EF	440	1	3.010	16	2016
Häny AG	Challand	Switzerland	1-nozzle Pelton	DW	118	1	0.034	403	2016
Häny AG	Stalden Schwyz	Switzerland	1-nozzle Pelton	DW	68	1	0.050	156	2016
Häny AG	Planards	Switzerland	1-nozzle Pelton	DW	62	1	0.038	187	2016
Häny AG	Matten II	Switzerland	2-nozzle Pelton	DW	38	1	0.038	112	2016
SARL Desgranges	Chapareillan	France	2-nozzle Pelton	R	432	1	0.095	522	2015
Häny AG	Grodey	Switzerland	2-nozzle Pelton	DW	152	1	0.052	338	2015
SARL Desgranges	Rouvel	France	1-nozzle Pelton	R	503	1	0.250	230	2015
SARL Desgranges	Meyronnes	France	2-nozzle Pelton	R	542	1	0.327	159	2015
Toye srl	La Barlatte	France	5-nozzle Pelton	R	1105	1	1.254	101	2015
Gasa Hydro SA	Pied du Mont, Isérables	Switzerland	2-nozzle Pelton	DW	665	1	0.120	638	2015
Häny AG	Matten	Switzerland	1-nozzle Pelton	DW	48	1	0.047	117	2015
Häny AG	Bürgerberg, Radstadt	Switzerland	1-nozzle Pelton	DW	55	1	0.035	182	2015
SARL Desgranges	Montsapay	France	2-nozzle Pelton	R	791	1	0.350	260	2015
Häny AG	Carasso Bellinzona	Switzerland	1-nozzle Pelton	DW	96	1	0.020	569	2015
SARL DESGRANGES	Cozzano - Corse du Sud	France	1-nozzle Pelton	R	54	1	0.015	420	2015

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SARL DESGRANGES	Eygun	France	2-nozzle Pelton	R	2406	1	0.670	412	2015
Telsa SA	Torrents de Verbier	Switzerland	4-nozzle Pelton	R	2077	1	0.500	475	2015
Häny AG	Bief Rouge	Switzerland	3-nozzle Pelton	WT	78	1	0.160	55	2015
Ecowatt Sàrl	AEP Die - Romeyer	France	2-nozzle Pelton	R	68	1	0.045	175	2015
SARL DESGRANGES	La Ferrière	France	2-nozzle Pelton	R	444	1	0.335	150	2015
SARL DESGRANGES	Viossanges (Farges)	France	4-nozzle Pelton	R	439	1	0.635	78	2015
SARL DESGRANGES	Les Demoiselles	France	4-nozzle Pelton	R	3674	1	0.950	440	2015
Gasa Hydro SA	Les Pontets, Riddes	Switzerland	2-nozzle Pelton	DW	552	1	0.080	793	2015
Gasa Hydro SA	Pétéille	Switzerland	3-nozzle Pelton	DW	742	1	0.175	481	2014
Häny AG / Blue -Water-Power AG	Pighè Rossa	Switzerland	1-nozzle Pelton	DW	35	1	0.012	365	2014
SARL DESGRANGES	La Brioulette	France	4-blade Axial	EF	335	1	3.500	11.5	2014
SARL DESGRANGES	St-Vidian	France	5-blade Axial	EF	417	1	3.300	13	2014
SARL DESGRANGES	La Roche Corbière	France	4-nozzle Pelton	DW	437	1	0.550	90	2014
Häny AG / Blue -Water-Power AG	Someo	Switzerland	1-nozzle Pelton	DW	29	1	0.020	166	2014
Gasa Hydro SA	Arbaz II	Switzerland	4-nozzle Pelton	IW	566	1	0.180	358	2014
SARL DESGRANGES	La Perrière	France	Double Pelton	R	820	2	0.154	365	2014
Häny AG / Blue -Water-Power AG	Soolsteg	Switzerland	2-nozzle Pelton	DW	180	1	0.160	128	2014
SARL DESGRANGES	Le Boulc	France	2-nozzle Pelton	R	456	1	0.550	94	2014
SARL DESGRANGES	Projet n°1	France	1-nozzle Pelton	R	466	1	0.100	540	2014
Gasa Hydro SA	Moulin de Brent	Switzerland	2-nozzle Pelton	R	84	1	0.084	113	2014
PREMEL SA	Campra Bigorio	Switzerland	1-nozzle Pelton	R	45	1	0.035	149	2014
Häny AG / Blue -Water-Power AG	Hubelweidli	Switzerland	2-nozzle Pelton	DW	44	1	0.083	61	2014
Häny AG / Blue -Water-Power AG	Sedrun	Switzerland	1-nozzle Pelton	WT	194	1	0.030	752	2014
Häny AG / Blue -Water-Power AG	Liddes Pallazuit	Switzerland	2-nozzle Pelton	IW	214	1	0.150	162	2014
Gasa Hydro SA	Châble II - Vionnaz	Switzerland	2-nozzle Pelton	DW	444	1	0.075	674	2013
SARL DESGRANGES	Coucouron	France	2-nozzle Pelton	R	440	1	0.210	240	2013
Häny AG / Blue -Water-Power AG	Grono	Switzerland	2-nozzle Pelton	DW	83	1	0.025	380	2013
Sigrist AG	Bex STEP	Switzerland	2-nozzle Pelton	DW	176	1	0.160	127	2013
Häny AG / Blue -Water-Power AG	Tschappina	Switzerland	1-nozzle Pelton	R	29	1	0.022	149	2013
SARL DESGRANGES	Chalmazelle	France	4-nozzle Pelton	R	534	1	0.780	156	2013
Cerec Engineering SA	Le Lauzet	France	2-nozzle Pelton	R	432	1	0.186	271	2013
Häny AG / Blue -Water-Power AG	Taflet Schänis	Switzerland	1-nozzle Pelton	DW	42	1	0.013	364	2013
2E Sàrl	Lafarge	France	4-nozzle Pelton	R	434	1	0.590	85	2013
Nippon Koei Co, Ltd.	Makayabaru	Japan	2-nozzle Pelton	R	1057	1	0.500	180	2013
Nippon Koei Co, Ltd.	Funama	Japan	2-nozzle Pelton	R	781	1	0.586	205	2013
Telsa - Jacquier Luisier	Champsec	Switzerland	2-nozzle Pelton	DW	168	1	0.080	241	2013
SARL DESGRANGES	Fredet Berges	France	2-nozzle Pelton	R	3612	1	1.300	316	2013
Häny AG / Blue -Water-Power AG	Enzenried Steffisburg	Switzerland	2-nozzle Pelton	DW	31	1	0.025	141	2013
Häny AG / Blue -Water-Power AG	La Tour - La Dhuy	France	2-nozzle Pelton	DW	180	1	0.120	185	2013
SARL DESGRANGES	CORPS	France	2-nozzle Pelton	R	440	1	0.240	210	2013
SARL DESGRANGES	Le Day - dotation	Switzerland	2-nozzle Pelton	EF	139	1	0.600	26.5	2013
Häny AG / Blue -Water-Power AG	Oberberg	Switzerland	2-nozzle Pelton	DW	53	1	0.060	203	2013
Häny AG / Blue -Water-Power AG	Barcelonnette	France	2-nozzle Pelton	DW	192	1	0.040	551	2013
Telsa - Jacquier Luisier	SITSE	Switzerland	2-nozzle Pelton	WW	115	1	0.170	77	2013
Gasa Hydro SA	Salvan - Vernayaz	Switzerland	2-nozzle Pelton	DW	457	1	0.120	431	2012

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Gasa Hydro SA	Rivaz II	Switzerland	2-nozzle Pelton	R	786	1	0.500	178	2012
PREMEL SA	Navizence	Switzerland	2-nozzle Pelton	DW	121	1	0.025	551	2012
Häny AG / Blue -Water-Power AG	Bischofshofen	Switzerland	1-nozzle Pelton	DW	66	1	0.040	191	2012
Gasa Hydro SA	Chessel	Switzerland	1-nozzle Pelton	DW	56	1	0.023	287	2012
Häny AG / Blue -Water-Power AG	Oberwilen Sarnen	Switzerland	2-nozzle Pelton	DW	95	1	0.023	470	2012
Gasa Hydro SA	Leytron	Switzerland	2-nozzle Pelton	DW	467	1	0.070	762	2012
Häny AG / Blue -Water-Power AG	Albinen	Switzerland	1-nozzle Pelton	R	50	1	0.035	165	2012
Häny AG / Blue -Water-Power AG	Sillian	Switzerland	1-nozzle Pelton	DW	35	1	0.017	246	2012
PREMEL SA	Val d'Illeiez	Switzerland	1-nozzle Pelton	DW	62	1	0.030	244	2012
SARL DESGRANGES	Montsalvens	Switzerland	8-blade Diagonal	EF	190	1	0.500	40	2012
SARL DESGRANGES	Azost	France	2-nozzle Pelton	R	439	1	0.410	134	2012
SARL DESGRANGES	Dillon	France	4-nozzle Pelton	R	405	1	0.525	87	2012
Häny AG / Blue -Water-Power AG	Tschanüff Ramosch	Switzerland	1-nozzle Pelton	DW	192	1	0.060	363	2012
Häny AG / Blue -Water-Power AG	Malschüel	Switzerland	1-nozzle Pelton	DW	28	1	0.040	79	2012
Häny AG / Blue -Water-Power AG	Ruegna	Switzerland	1-nozzle Pelton	DW	154	1	0.028	632	2012
Nippon Koei Co, Ltd./Daeyang Hydro Co. Ltd	Shinsogi	Japan	4-blade Axial	R	496	1	5.000	12	2012
Häny AG / Blue -Water-Power AG	Klosters	Switzerland	2-nozzle Pelton	DW	55	1	0.050	126	2012
Häny AG / Blue -Water-Power AG	Jonda	Switzerland	1-nozzle Pelton	DW	34	1	0.024	160	2012
Häny AG / Blue -Water-Power AG	Blattenheid 4 - Thierachern	Switzerland	2-nozzle Pelton	DW	40	1	0.070	65	2011
Häny AG / Blue -Water-Power AG	Blattenheid 3	Switzerland	4-nozzle Pelton	DW	140	1	0.283	56	2011
Häny AG / Blue -Water-Power AG	Blattenheid 2 - Oberstocken	Switzerland	2-nozzle Pelton	DW	102	1	0.030	390	2011
Häny AG / Blue -Water-Power AG	Blattenheid 1 - Vordere Schneeweid	Switzerland	1-nozzle Pelton	DW	24	1	0.012	233	2011
SARL DESGRANGES	Latouille Lentillac	France	4-nozzle Pelton	R	1190	2	0.750	179	2011
Gasa Hydro SA	Blanchette	Switzerland	2-nozzle Pelton	DW	224	1	0.175	145	2011
Häny AG / Blue -Water-Power AG	Holzji	Switzerland	3-nozzle Pelton	DW	142	1	0.180	91	2011
Häny AG / Blue -Water-Power AG	Weid Lauterbrunnen	Switzerland	2-nozzle Pelton	DW	174	1	0.055	360	2011
SARL DESGRANGES	Romeyer	France	2-nozzle Pelton	R	594	1	0.375	180	2011
Häny AG / Blue -Water-Power AG	Bürgenstock	Switzerland	2-nozzle Pelton	R	346	1	0.083	471	2011
Häny AG / Blue -Water-Power AG	Châtel St Denis	Switzerland	1-nozzle Pelton	DW	112	1	0.032	402	2011
Häny AG / Blue -Water-Power AG	Brändlisberg	Switzerland	2-nozzle Pelton	DW	34	1	0.031	125	2011
Häny AG / Blue -Water-Power AG	Nordhausen	Switzerland	1-nozzle Pelton	DW	97	1	0.069	162	2011
Gasa Hydro SA	Icogne	Switzerland	4-nozzle Pelton	IW	1996	1	0.473	479	2011
Gasa Hydro SA	Lourtier	Switzerland	1-nozzle Pelton	DW	122	1	0.050	280	2011
SARL DESGRANGES	La Tzintre	Switzerland	4-blade Axial	R	485	2	5.000	11	2011
Häny AG / Blue -Water-Power AG	Haute-Pierre - Morges	Switzerland	2-nozzle Pelton	DW	76	1	0.083	104	2011
Häny AG / Blue -Water-Power AG	La Roche	Switzerland	1-nozzle Pelton	DW	36	1	0.012	344	2011
SARL DESGRANGES	Bacheux	France	2-nozzle Pelton	R	3680	1	0.525	794	2011
SARL DESGRANGES	Caussatet	France	1-nozzle Pelton	R	2680	1	0.400	760	2011
SARL DESGRANGES	Rodja	France	2-nozzle Pelton	R	161	1	0.250	73	2011
Gasa Hydro SA	Pont de la Tine, Leysin	Switzerland	2-nozzle Pelton	DW	398	1	0.072	630	2011
Nippon Koei Co, Ltd.	Ohmachishinzeiki	Japan	4-nozzle Pelton	R	1127	1	1.120	115	2011
SARL DESGRANGES	Asco	France	2-nozzle Pelton	R	1643	1	0.780	240	2011
SARL DESGRANGES	Le Port	France	4-nozzle Pelton	R	630	1	0.550	130	2011
SARL DESGRANGES	Chancy-Pougny	Switzerland / France	4-blade Axial	A	444	1	4.600	11	2011
SARL DESGRANGES	La Gorge / Vorz	France	2-nozzle Pelton	R	3487	1	0.900	440	2011

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Häny AG / Blue -Water-Power AG	Reichenbachtal	Switzerland	2-nozzle Pelton	DW	72	1	0.040	205	2010
Häny AG / Blue -Water-Power AG	Unterägeri	Switzerland	1-nozzle Pelton	DW	14	1	0.017	99	2010
SARL DESGRANGES	Lescherettes	France	2-nozzle Pelton	R	1054	1	0.600	206	2010
Häny AG / Blue -Water-Power AG	Blatten	Switzerland	1-nozzle Pelton	DW	40	1	0.025	186	2010
Häny AG / Blue -Water-Power AG	Gampeli	Switzerland	2-nozzle Pelton	DW	29	1	0.033	101	2010
Häny AG / Blue -Water-Power AG	ARA Grächen	Switzerland	1-nozzle Pelton	WW	249	1	0.080	358	2010
Telsa - Jacquier Luisier	Lens - Devins	Switzerland	1-nozzle Pelton	DW	35	1	0.055	72	2010
Gasa Hydro SA	Cerise, Conthey	Switzerland	2-nozzle Pelton	DW	135	1	0.125	123	2010
Häny AG / Blue -Water-Power AG	Rietli	Switzerland	1-nozzle Pelton	DW	26	1	0.020	147	2010
Häny AG / Blue -Water-Power AG	Obermattli	Switzerland	2-nozzle Pelton	DW	59	1	0.040	170	2010
Hydro Machines Vuillafans	Moulin du Daim	France	4-blade Axial	R	389	1	12.000	3.8	2010
Telsa - Jacquier Luisier	Lens - Golf	Switzerland	1-nozzle Pelton	DW	30	1	0.040	87	2010
Häny AG / Blue -Water-Power AG	Gsteig	Switzerland	2-nozzle Pelton	DW	48	1	0.042	131	2010
Gasa Hydro SA	Arbaz	Switzerland	4-nozzle Pelton	DW	623	1	0.180	390	2010
Häny AG / Blue -Water-Power AG	Safien Platz	Switzerland	1-nozzle Pelton	DW	67	1	0.020	380	2009
Häny AG / Blue -Water-Power AG	Linthal	Switzerland	2-nozzle Pelton	R	523	1	0.156	395	2009
Hydro Machines Vuillafans	Moulin Bersaillin	France	4-blade Axial	R	230	1	10.600	2.6	2009
Gasa Hydro SA	Lioson I	Switzerland	1-nozzle Pelton	DW	84	1	0.052	183	2009
SARL DESGRANGES	Bouhouse	France	2-nozzle Pelton	R	1686	1	0.350	549	2009
Häny AG / Blue -Water-Power AG	Saas Fee	Switzerland	2-nozzle Pelton	DW	60	1	0.033	206	2009
SARL DESGRANGES	Corse du Sud / Zicavo	France	2-nozzle Pelton	R	3242	1	0.580	670	2009
Gasa Hydro SA	Curala	Switzerland	1-nozzle Pelton	DW	256	1	0.050	592	2009
Ecowatt Sàrl	Almes	France	1-nozzle Pelton	DW	25	1	0.045	68	2009
SARL DESGRANGES	Nohedes	France	1-nozzle Pelton	R	682	1	0.115	680	2009
Gasa Hydro SA	Riddes	Switzerland	2-nozzle Pelton	DW	341	1	0.060	647	2009
SARL DESGRANGES	Poggio Cuculo	Italy	8-blade Axial	DW	42	1	0.380	13	2009
Gasa Hydro SA	St-Gingolph Croseau	Switzerland	2-nozzle Pelton	DW	306	1	0.110	317	2009
Gasa Hydro SA	St-Gingolph Clarive	Switzerland	2-nozzle Pelton	DW	48	1	0.050	109	2009
Nippon Koei Co, Ltd.	Tochikawa	Japan	3-nozzle Pelton	R	1132	1	0.730	176	2009
Gasa Hydro SA	Eischoll	Switzerland	3-nozzle Pelton	R	597	1	0.130	520	2009
Gasa Hydro SA	Binii (Savièse)	Switzerland	2-nozzle Pelton	DW	60	1	0.070	81	2009
SARL DESGRANGES	Argentine II	France	3-nozzle Pelton	R	4584	1	1.116	454	2008
KWO	Usines Métallurgiques de Vallorbe - UMV	Switzerland	4-blade Axial	R	85	2	2.500	2	2008
Gasa Hydro SA	Vollèges	Switzerland	3-nozzle Pelton	IW	837	1	0.145	655	2008
Gasa Hydro SA	Liddes	Switzerland	1-nozzle Pelton	DW	67	1	0.021	365	2008
Gasa Hydro SA	Gondran - Champex	Switzerland	2-nozzle Pelton	DW	151	1	0.180	96	2008
SARL DESGRANGES	Boube	France	2-nozzle Pelton	R	545	1	0.150	412	2008
The Lines Company	Matawai	New-Zealand	3-nozzle Pelton	R	1165	2	0.900	147	2007
SARL DESGRANGES	ECDA	France	4-nozzle Pelton	R	705	1	0.800	100	2007
SARL DESGRANGES	Glaize	France	3-nozzle Pelton	R	1616	1	0.850	216	2007
SARL DESGRANGES	Garbet - Oust	France	6-blade Axial	R	456	1	3.200	16	2007
Gasa Hydro SA	St-Martin	Switzerland	2-nozzle Pelton	DW	196	1	0.035	636	2007
SARL DESGRANGES	Val	France	3-nozzle Pelton	R	1270	1	0.600	240	2007
Gasa Hydro SA	Le Profray	Switzerland	2-nozzle Pelton	WW	380	1	0.100	430	2007
Ecowatt Sàrl	Allos	France	1-nozzle Pelton	DW	59	1	0.044	154	2007
Gasa Hydro SA	Le Bouet Collonges	Switzerland	1-nozzle Pelton	DW	54	1	0.014	459	2006

MhyLab's turbines - References list

For most of these turbines, MhyLab was in charge of the turbine calculation, general design, supply of the complete hydraulic profile and the efficiency guarantees

DW: drinking water; IW: irrigation water; WW: wastewater; A: attraction discharge for fish pass ; WT: waters from tunnel ; EF : Environmental flow; R: river & water stream

Client	Name of the powerplant	Country	Type of turbine	Type of SHP	Output per unit (kW)	Number of units	Discharge per unit (m ³ /s)	Net head (m)	Year
PREMEL SA	Haut Intyamon	Switzerland	1-nozzle Pelton	DW	175	1	0.040	502	2006
PREMEL SA	Prato Leventina	Switzerland	1-nozzle Pelton	DW	193	1	0.040	554	2006
EREMA	Argentine I	France	1-nozzle Pelton	R	670	1	0.354	226	2006
Gasa Hydro SA	Armary	Switzerland	2-nozzle Pelton	IW	74	1	0.090	93	2006
Telsa - Jacquier Luisier	St-Jean	Switzerland	1-nozzle Pelton	DW	110	1	0.034	348	2006
Gasa Hydro SA	Soi – Val d'Illiez	Switzerland	4-nozzle Pelton	R	905	1	0.370	277	2005
Ecowatt Sàrl	Meyronnes	France	1-nozzle Pelton	DW	59	1	0.030	225	2004
Gasa Hydro SA	Rapède	Switzerland	2-nozzle Pelton	DW	293	1	0.170	196	2004
Gasa Hydro SA	La Louve / Capelard	Switzerland	2-nozzle Pelton	R	180	1	0.120	173	2004
SEUB - SARL DESGRANGES	Blachière	France	4-nozzle Pelton	R	637	1	0.670	108	2004
SEER	St-Bueil	France	8-blade Axial	R	348	1	1.500	27	2004
Geppert Turbinen und Maschinen Bau	Gondo (groupe auxiliaire)	Switzerland	1-nozzle Pelton	R	230	1	0.056	475	2004
Gasa Hydro SA	La Dare	Switzerland	2-nozzle Pelton	DW	232	1	0.170	156	2004
Privé	Manteiga	Portugal	1-nozzle Pelton	R	310	1	0.200	177	2003
Ecowatt Sàrl	Tinsemlal	Marocco	1-nozzle Pelton	IW	50	1	0.020	285	2003
Gasa Hydro SA	La Zour (Savièse)	Switzerland	3-nozzle Pelton	DW	474	1	0.300	179	2003
Gasa Hydro SA	Isérables	Switzerland	2-nozzle Pelton	DW	377	1	0.115	374	2002
Onekaka Energy	Onekaka	New-Zealand	1-nozzle Pelton	R	1014	1	0.600	194	2002
Romande Energie SA	Mini-Farettes	Switzerland	4-blade Axial	R	178	1	2.650	7.7	2002
Gasa Hydro SA	Ollon I	Switzerland	1-nozzle Pelton	DW	251	1	0.065	441	2001
Gasa Hydro SA	Ollon II (Panex, Chenalettaz)	Switzerland	1-nozzle Pelton	DW	260	1	0.065	458	#REF!
Gasa Hydro SA	Ollon III (Panex, Chenalettaz)	Switzerland	1-nozzle Pelton	DW	31	1	0.014	256	#REF!
J.-P. Mermod	Brison	Switzerland	3-nozzle Pelton	R	282	1	0.150	214	2001
Gasa Hydro SA	La Douve 2	Switzerland	2-nozzle Pelton	WW	75	1	0.108	79	2001
Gasa Hydro SA	Le Fontanne	Switzerland	4-nozzle Pelton	DW	309	1	0.470	75	2001
Gaz & Electricité de Grenoble	Vaulnaveys-le-Haut	France	1-nozzle Pelton	R	1049	1	0.285	420	2000
Gasa Hydro SA	Savièse (Rochers)	Switzerland	2-nozzle Pelton	DW	358	1	0.150	273	2000
Gasa Hydro SA	Savièse (Dilogne)	Switzerland	2-nozzle Pelton	DW	279	1	0.150	212	2000
Gasa Hydro SA	Gamsen	Switzerland	2-nozzle Pelton	R	126	1	0.250	58	1999
Ecowatt Sàrl	-	Switzerland	2-nozzle Pelton	R	12	1	0.014	101	1999
Geppert Turbinen und Maschinen Bau	Greitherbach	Switzerland	2-nozzle Pelton	R	625	1	0.170	431	1998
ELSA SA	Troistorrents	Switzerland	2-nozzle Pelton	DW	75	1	0.035	242	1998
ELSA SA	Grimentz	Switzerland	2-nozzle Pelton	DW	102	1	0.032	369	1997
Gasa Hydro SA	La Rasse	Switzerland	2-nozzle Pelton	DW	757	1	0.180	479	1997
ELSA SA	Dailly/Savatan	Switzerland	2-nozzle Pelton	DW	54	1	0.012	531	1997
ELSA SA	Dailly/Savatan	Switzerland	2-nozzle Pelton	DW	11	1	0.012	109	1997
Gasa Hydro SA	Pas-du-Lein	Switzerland	2-nozzle Pelton	!!!	470	1	0.180	299	1996-1997

Total output 144'601 kW