

## TURBINE EQUIPMENT

Project Name	Country	Main Contractor	Purchase Order	Turbine Type	Units	Head / Pressure	Unit Output	Total Output	Scope Of Supply	Year Of Delivery
Lockport	USA	VA TECH Hydro GmbH	011/50286833	Francis	2	11 m	6,75 MW	13,50 MW	Gate operating ring	2004
Langyashan	China	VA TECH Hydro GmbH	011/50287505	Pump Turbine	4	150 m	164,50 MW	658,00 MW	Head cover, Bottom ring, Gate operating ring	2005
Tsankov Kamak	Bulgaria	VA TECH Hydro GmbH	011/50318045 011/50320543 011/50327578 011/50330662	Francis	2	136 m	20,00 MW	40,00 MW	Complete turbine except runner	2007
Rouna II	Papua New Guinea	VA TECH Hydro GmbH	013/50334544	Francis	4	150 m	7,90 MW	31,60 MW	Guide vanes	2007
Studen Kladenets	Bulgaria	VA TECH Hydro GmbH	011/50334370 015/50339511 015/50346391	Francis	1	66 m	16,00 MW	16,00 MW	Complete turbine except runner	2008
Hacininoglu	Turkey	Andritz Hydro GmbH	015/50371401 015/50372433	Francis	2	131 m	86,60 MW	173,20 MW	Head cover, Bottom ring, Gate operating ring	2009
Sariguzel	Turkey	Andritz Hydro GmbH	015/50373423	Francis	2	109 m	48,30 MW	96,60 MW	Head cover, Bottom ring, Gate operating ring	2010

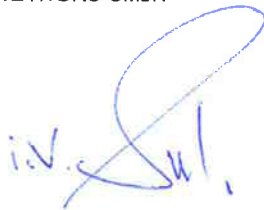
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## VALVES

Project Name	Country	Main Contractor	Purchase Order	Valve Type	Units	Pressure	Inlet Diameter	Scope Of Supply	Year Of Delivery
Pirris	Costa Rica	Andritz Hydro GmbH	015/50369032	Spherical Valve	2	1000 m	1050 mm	Complete unit including workshop testing	2009
Pirris	Costa Rica	Andritz Hydro GmbH	015/50369032	Spherical Valve	1	732 m	1400 mm	Complete unit including workshop testing	2009

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ANDRITZ HYDRO GmbH



**ANDRITZ HYDRO GmbH**  
Lunzerstrasse 78, Postfach 28, A-4031 Linz