

*A fundamental step for Vortex Hydra in the market of
Hydropower Plants' renovation*



VORTEX HYDRA WON THE TENDER FOR THE SUPPLY OF 4 SPHERICAL VALVES TO HYDRO ENERGIA SRL.

We are pleased to announce that last September **Vortex Hydra** was awarded the tender for the supply of 4 spherical valves DN700 PN64 to Hydro Energia S.r.l. (Part of Riva Calzoni S.p.A.).

The new valves will replace the existing ones in the power stations at Goglio, in the province of Verbania.

Being a replacement of existing spherical valves, the design is made on a **customized basis**, in order to fit with the available dimensions on site and to be in conformity with the requirements of the end user.

Among the special requirements, we can mention the **double effect servomotor completely in stainless steel**, operated by the penstock's water for the opening and closing maneuver.

Therefore, the available pressure is dependent on the level of the reservoir; and especially the design pressure for the closing maneuver is up to 50% of the minimum head in the reservoir.

The valves for the Goglio power station are the latest in a series of spherical valves supplied by Vortex Hydra for Italian power plants, among which were those of **Volturno** (1), **Venamartello** (2) and **Talamona** (3).



To receive more information please contact **Mr Andrea Zoli** (Sales Dept. Hydraulic Works Division Manage) at: andrea_zoli@vortexhydra.com

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Vortex Hydra S.r.l.

Via Argine Volano, 355 44034 Fossalta di Copparo (FERRARA) Italy

Tel: +39 0532 879411 Fax: +39 0532 866766

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