PROPOSALS TO USE HYDRAULIC RAMS

Key words: energy saving, hydraulic ram, renewable energy, water accumulation

Summary

The paper contains considerations about current possibilities of the use of hydraulic rams. Several examples of potential use of this type of equipment are presented. The examples are divided into several groups to expose characteristic features of different types of customers but the division is conventional and examples presented in one group may be used also in another group. Moreover, characteristics of water sources to supply hydraulic rams are presented. The paper presents basic information about the device, principles of its work and the history of its use. The study was motivated by observations and analyses of two historical water supply systems in the region of Warmia and Mazury in Poland, one of them working continuously since 1897.